



SEQUENCE LISTING

<110> Alessandro Sette  
John Sidney  
Scott Southwood  
Maria A. Vitiello  
Brian D. Livingston  
Esteban Celis  
Ralph T. Kubo  
Howard M. Grey  
Robert Chesnut

<120> INDUCING CELLULAR IMMUNE RESPONSES TO  
HEPATITIS B VIRUS USING PEPTIDE AND NUCLEIC ACID  
COMPOSITIONS

<130> 2060.0060008

<140> US 09/350,401

<141> 1999-07-08

<150> US 08/344,824

<151> 1994-11-23

<150> US 08/278,634

<151> 1994-07-21

<150> US 08/347,610

<151> 1994-12-01

<150> US 08/159,339

<151> 1993-11-29

<150> US 08/103,396

<151> 1993-08-06

<150> US 08/027,746

<151> 1993-03-05

<150> US 07/926,666

<151> 1992-08-07

<150> US 09/239,043

<151> 1999-01-27

<150> US 08/205,713

<151> 1994-03-04

<150> US 08/159,184

<151> 1993-11-29

<150> US 08/073,205

<151> 1993-06-04

<150> US 08/027,146

<151> 1993-03-05

<150> US 09/189,702

<151> 1998-11-10

<223> Artificially Synthesized Peptide

<400> 1402

Phe Ala Asp Ala Thr Pro Thr Gly Trp  
1 5

<210> 1403

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1403

Phe Ala Ser Pro Leu His Val Ala Trp  
1 5

<210> 1404

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1404

Phe Ala Val Pro Asn Leu Gln Ser Leu  
1 5

<210> 1405

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1405

Phe Ser Pro Thr Tyr Lys Ala Phe Leu  
1 5

<210> 1406

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1406

Phe Ser Ser Ala Gly Pro Cys Ala Leu  
1 5

<210> 1407

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1407  
Phe Ser Tyr Met Asp Asp Val Val Leu  
1 5

<210> 1408  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1408  
Phe Thr Phe Ser Pro Thr Tyr Lys Ala  
1 5

<210> 1409  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1409  
Phe Thr Gly Leu Tyr Ser Ser Thr Val  
1 5

<210> 1410  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1410  
Phe Thr Gln Cys Gly Tyr Pro Ala Leu  
1 5

<210> 1411  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1411  
Phe Thr Ser Ala Ile Cys Ser Val Val  
1 5

<210> 1412  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1412  
Gly Ala His Leu Ser Leu Arg Gly Leu  
1 5  
  
<210> 1413  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1413  
His Thr Ala Leu Arg Gln Ala Ile Leu  
1 5  
  
<210> 1414  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1414  
His Thr Leu Trp Lys Ala Gly Ile Leu  
1 5  
  
<210> 1415  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1415  
Lys Ser Val Gln His Leu Glu Ser Leu  
1 5  
  
<210> 1416  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide



<400> 1416  
Lys Thr Lys Arg Trp Gly Tyr Ser Leu  
1 5

<210> 1417  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1417  
Leu Ala Phe Ser Tyr Met Asp Asp Val  
1 5

<210> 1418  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1418  
Leu Ser Phe Leu Pro Ser Asp Phe Phe  
1 5

<210> 1419  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1419  
Leu Ser Leu Asp Val Ser Ala Ala Phe  
1 5

<210> 1420  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1420  
Leu Ser Pro Phe Leu Leu Ala Gln Phe  
1 5

<210> 1421  
<211> 9  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1421

Leu Ser Pro Thr Val Trp Leu Ser Val  
1 5

<210> 1422

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1422

Leu Ser Thr Leu Pro Glu Thr Thr Val  
1 5

<210> 1423

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1423

Leu Ser Val Pro Asn Pro Leu Gly Phe  
1 5

<210> 1424

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1424

Leu Ser Tyr Gln His Phe Arg Lys Leu  
1 5

<210> 1425

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1425

Leu Thr Phe Gly Arg Glu Thr Val Leu  
1 5

<210> 1426  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1426  
Leu Thr Asn Leu Leu Ser Ser Asn Leu  
1 5  
  
<210> 1427  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1427  
Leu Thr Val Asn Glu Lys Arg Arg Leu  
1 5  
  
<210> 1428  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1428  
Met Ser Thr Thr Asp Leu Glu Ala Tyr  
1 5  
  
<210> 1429  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1429  
Asn Ser Val Val Leu Ser Arg Lys Tyr  
1 5  
  
<210> 1430  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide

<400> 1430  
Pro Ala Ala Met Pro His Leu Leu Val  
1 5

<210> 1431  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1431  
Pro Ala Arg Val Thr Gly Gly Val Phe  
1 5

<210> 1432  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1432  
Pro Thr Thr Gly Arg Thr Ser Leu Tyr  
1 5

<210> 1433  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1433  
Pro Thr Val Trp Leu Ser Val Ile Trp  
1 5

<210> 1434  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1434  
Gln Ala Phe Thr Phe Ser Pro Thr Tyr  
1 5

<210> 1435  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1435  
Gln Ala Ile Leu Cys Trp Gly Glu Leu  
1 5

<210> 1436  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1436  
Gln Ala Ser Lys Leu Cys Leu Gly Trp  
1 5

<210> 1437  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1437  
Arg Ala Phe Pro His Cys Leu Ala Phe  
1 5

<210> 1438  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1438  
Arg Thr Gly Asp Pro Ala Pro Asn Met  
1 5

<210> 1439  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1439  
Ser Ala Gly Pro Cys Ala Leu Arg Phe  
1 5

<210> 1440  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1440  
Ser Ala Ser Phe Cys Gly Ser Pro Tyr  
1 5

<210> 1441  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1441  
Ser Ser Asn Leu Ser Trp Leu Ser Leu  
1 5

<210> 1442  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1442  
Ser Ser Ser Gly Thr Val Asn Pro Val  
1 5

<210> 1443  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1443  
Ser Thr Leu Pro Glu Thr Thr Val Val  
1 5

<210> 1444  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1444

Ser Thr Thr Asp Leu Glu Ala Tyr Phe  
1 5

<210> 1445

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1445

Thr Ala Glu Leu Leu Ala Ala Cys Phe  
1 5

<210> 1446

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1446

Thr Ala Ser Ala Leu Tyr Arg Glu Ala  
1 5

<210> 1447

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1447

Thr Ser Phe Val Tyr Val Pro Ser Ala  
1 5

<210> 1448

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1448

Thr Ser Gly Phe Leu Gly Pro Leu Leu  
1 5

<210> 1449

<211> 9

<212> PRT

<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1449  
Thr Thr Gly Arg Thr Ser Leu Tyr Ala  
1 5

<210> 1450  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1450  
Val Ser Ile Pro Trp Thr His Lys Val  
1 5

<210> 1451  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1451  
Trp Ser Pro Gln Ala Gln Gly Ile Leu  
1 5

<210> 1452  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1452  
Trp Ser Ser Lys Pro Arg Gln Gly Met  
1 5

<210> 1453  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1453  
Tyr Ser His Pro Ile Ile Leu Gly Phe  
1 5

<210> 1454



<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1454  
Tyr Ser Leu Asn Phe Met Gly Tyr Val  
1 5

<210> 1455  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1455  
Ala Ser Phe Cys Gly Ser Pro Tyr Ser Trp  
1 5 10

<210> 1456  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1456  
Ala Ser Lys Leu Cys Leu Gly Trp Leu Trp  
1 5 10

<210> 1457  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1457  
Ala Ser Val Arg Phe Ser Trp Leu Ser Leu  
1 5 10

<210> 1458  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1458  
Ala Thr Pro Thr Gly Trp Gly Leu Ala Ile

1 5 10

<210> 1459

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1459

Cys Ala Phe Ser Ser Ala Gly Pro Cys Ala  
1 5 10

<210> 1460

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1460

Cys Thr Cys Ile Pro Ile Pro Ser Ser Trp  
1 5 10

<210> 1461

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1461

Cys Thr Ile Pro Ala Gln Gly Thr Ser Met  
1 5 10

<210> 1462

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1462

Asp Ala Thr Pro Thr Gly Trp Gly Leu Ala  
1 5 10

<210> 1463

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1463

Asp Ser Trp Trp Thr Ser Leu Asn Phe Leu  
1 5 10

<210> 1464

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1464

Asp Thr Ala Ser Ala Leu Tyr Arg Glu Ala  
1 5 10

<210> 1465

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1465

Phe Ala Ala Pro Phe Thr Gln Cys Gly Tyr  
1 5 10

<210> 1466

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1466

Phe Ser Trp Leu Ser Leu Leu Val Pro Phe  
1 5 10

<210> 1467

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1467

Phe Thr Phe Ser Pro Thr Tyr Lys Ala Phe  
1 5 10

<210> 1468

<211> 10

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1468  
Phe Thr Gln Cys Gly Tyr Pro Ala Leu Met  
1 5 10

<210> 1469  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1469  
Gly Ser Ser Ser Gly Thr Val Asn Pro Val  
1 5 10

<210> 1470  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1470  
Gly Thr Asn Leu Ser Val Pro Asn Pro Leu  
1 5 10

<210> 1471  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1471  
Gly Thr Ser Phe Val Tyr Val Pro Ser Ala  
1 5 10

<210> 1472  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1472  
His Thr Ala Glu Leu Leu Ala Ala Cys Phe  
1 5 10

<210> 1473  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1473  
His Thr Leu Trp Lys Ala Gly Ile Leu Tyr  
1 5 10

<210> 1474  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1474  
Leu Ala Phe Ser Tyr Met Asp Asp Val Val  
1 5 10

<210> 1475  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1475  
Leu Ser Leu Asp Val Ser Ala Ala Phe Tyr  
1 5 10

<210> 1476  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1476  
Leu Ser Leu Leu Val Pro Phe Val Gln Trp  
1 5 10

<210> 1477  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide

<400> 1477

Leu Ser Leu Arg Gly Leu Pro Val Cys Ala  
1 5 10

<210> 1478

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1478

Leu Ser Pro Thr Val Trp Leu Ser Val Ile  
1 5 10

<210> 1479

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1479

Leu Ser Arg Lys Tyr Thr Ser Phe Pro Trp  
1 5 10

<210> 1480

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1480

Leu Ser Ser Asn Leu Ser Trp Leu Ser Leu  
1 5 10

<210> 1481

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1481

Leu Ser Thr Leu Pro Glu Thr Thr Val Val  
1 5 10

<210> 1482

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1482

Leu Ser Trp Leu Ser Leu Asp Val Ser Ala  
1 5 10

<210> 1483

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1483

Leu Ser Tyr Gln His Phe Arg Lys Leu Leu  
1 5 10

<210> 1484

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1484

Leu Thr Ile Pro Gln Ser Leu Asp Ser Trp  
1 5 10

<210> 1485

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1485

Met Ser Thr Thr Asp Leu Glu Ala Tyr Phe  
1 5 10

<210> 1486

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1486

Pro Ala Asp Asp Pro Ser Arg Gly Arg Leu  
1 5 10

<210> 1487  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1487  
Pro Ala Gly Gly Ser Ser Ser Gly Thr Val  
1 5 10

<210> 1488  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1488  
Pro Ala Leu Met Pro Leu Tyr Ala Cys Ile  
1 5 10

<210> 1489  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1489  
Pro Ala Pro Cys Asn Phe Phe Thr Ser Ala  
1 5 10

<210> 1490  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1490  
Pro Ala Arg Val Thr Gly Gly Val Phe Leu  
1 5 10

<210> 1491  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide



<400> 1491  
Pro Ala Tyr Arg Pro Pro Asn Ala Pro Ile  
1 5 10

<210> 1492  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1492  
Pro Thr Thr Gly Arg Thr Ser Leu Tyr Ala  
1 5 10

<210> 1493  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1493  
Pro Thr Val Gln Ala Ser Lys Leu Cys Leu  
1 5 10

<210> 1494  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1494  
Pro Thr Val Trp Leu Ser Val Ile Trp Met  
1 5 10

<210> 1495  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1495  
Gln Ala Gly Phe Phe Leu Leu Thr Arg Ile  
1 5 10

<210> 1496  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1496  
Gln Ala Ile Leu Cys Trp Gly Glu Leu Met  
1 5 10

<210> 1497  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1497  
Gln Ala Met Gln Trp Asn Ser Thr Thr Phe  
1 5 10

<210> 1498  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1498  
Gln Ala Ser Lys Leu Cys Leu Gly Trp Leu  
1 5 10

<210> 1499  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1499  
Gln Ser Leu Asp Ser Trp Trp Thr Ser Leu  
1 5 10

<210> 1500  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1500  
Arg Thr Pro Ala Arg Val Thr Gly Gly Val  
1 5 10

<210> 1501  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1501  
Ser Ala Ile Cys Ser Val Val Arg Arg Ala  
1 5 10  
  
<210> 1502  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1502  
Ser Ser Ala Gly Pro Cys Ala Leu Arg Phe  
1 5 10  
  
<210> 1503  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1503  
Thr Ala Glu Leu Leu Ala Ala Cys Phe Ala  
1 5 10  
  
<210> 1504  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1504  
Thr Ala Leu Arg Gln Ala Ile Leu Cys Trp  
1 5 10  
  
<210> 1505  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1505

Thr Ala Ser Ala Leu Tyr Arg Glu Ala Leu  
1 5 10

<210> 1506  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1506  
Thr Ser Phe Pro Trp Leu Leu Gly Cys Ala  
1 5 10

<210> 1507  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1507  
Thr Ser Phe Val Tyr Val Pro Ser Ala Leu  
1 5 10

<210> 1508  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1508  
Thr Ser Gly Phe Leu Gly Pro Leu Leu Val  
1 5 10

<210> 1509  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1509  
Val Ala Glu Asp Leu Asn Leu Gly Asn Leu  
1 5 10

<210> 1510  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1510  
Tyr Ser Leu Asn Phe Met Gly Tyr Val Ile  
1 5 10

<210> 1511  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1511  
Ala Ala Cys Phe Ala Arg Ser Arg Ser Gly Ala  
1 5 10

<210> 1512  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1512  
Ala Ala Pro Phe Thr Gln Cys Gly Tyr Pro Ala  
1 5 10

<210> 1513  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1513  
Ala Ser Val Arg Phe Ser Trp Leu Ser Leu Leu  
1 5 10

<210> 1514  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1514  
Cys Ala Phe Ser Ser Ala Gly Pro Cys Ala Leu  
1 5 10

<210> 1515

<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1515  
Cys Ala Leu Arg Phe Thr Ser Ala Arg Arg Met  
1 5 10

<210> 1516  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1516  
Cys Ser Pro His His Thr Ala Leu Arg Gln Ala  
1 5 10

<210> 1517  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1517  
Cys Thr Cys Ile Pro Ile Pro Ser Ser Trp Ala  
1 5 10

<210> 1518  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1518  
Asp Ala Thr Pro Thr Gly Trp Gly Leu Ala Ile  
1 5 10

<210> 1519  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1519  
Asp Thr Ala Ser Ala Leu Tyr Arg Glu Ala Leu

1	5	10
---	---	----

<210> 1520  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1520  
Glu Ser Arg Leu Val Val Asp Phe Ser Gln Phe  
1 5 10

<210> 1521  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1521  
Phe Ala Asp Ala Thr Pro Thr Gly Trp Gly Leu  
1 5 10

<210> 1522  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1522  
Phe Ser Ser Ala Gly Pro Cys Ala Leu Arg Phe  
1 5 10

<210> 1523  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1523  
Phe Ser Trp Leu Ser Leu Leu Val Pro Phe Val  
1 5 10

<210> 1524  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1524

Phe Ser Tyr Met Asp Asp Val Val Leu Gly Ala  
1 5 10

<210> 1525

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1525

Phe Thr Phe Ser Pro Thr Tyr Lys Ala Phe Leu  
1 5 10

<210> 1526

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1526

Gly Ala His Leu Ser Leu Arg Gly Leu Pro Val  
1 5 10

<210> 1527

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1527

Gly Ala Lys Ser Val Gln His Leu Glu Ser Leu  
1 5 10

<210> 1528

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1528

Gly Thr Ser Phe Val Tyr Val Pro Ser Ala Leu  
1 5 10

<210> 1529

<211> 11



<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1529  
His Thr Ala Glu Leu Leu Ala Ala Cys Phe Ala  
1 5 10

<210> 1530  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1530  
His Thr Ala Leu Arg Gln Ala Ile Leu Cys Trp  
1 5 10

<210> 1531  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1531  
Ile Ser Cys Leu Thr Phe Gly Arg Glu Thr Val  
1 5 10

<210> 1532  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1532  
Lys Thr Lys Arg Trp Gly Tyr Ser Leu Asn Phe  
1 5 10

<210> 1533  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1533  
Leu Ala Phe Ser Tyr Met Asp Asp Val Val Leu  
1 5 10

<210> 1534  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1534  
Leu Ala Gln Phe Thr Ser Ala Ile Cys Ser Val  
1 5 10

<210> 1535  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1535  
Leu Ser Leu Leu Val Pro Phe Val Gln Trp Phe  
1 5 10

<210> 1536  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1536  
Leu Ser Leu Arg Gly Leu Pro Val Cys Ala Phe  
1 5 10

<210> 1537  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1537  
Leu Ser Pro Thr Val Trp Leu Ser Val Ile Trp  
1 5 10

<210> 1538  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide

<400> 1538  
Leu Ser Arg Lys Tyr Thr Ser Phe Pro Trp Leu  
1 5 10

<210> 1539  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1539  
Leu Ser Trp Leu Ser Leu Asp Val Ser Ala Ala  
1 5 10

<210> 1540  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1540  
Leu Ser Tyr Gln His Phe Arg Lys Leu Leu Leu  
1 5 10

<210> 1541  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1541  
Leu Thr Phe Gly Arg Glu Thr Val Leu Glu Tyr  
1 5 10

<210> 1542  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1542  
Leu Thr Ile Pro Gln Ser Leu Asp Ser Trp Trp  
1 5 10

<210> 1543  
<211> 11  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1543

Leu Thr Asn Leu Leu Ser Ser Asn Leu Ser Trp  
1 5 10

<210> 1544

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1544

Leu Thr Arg Ile Leu Thr Ile Pro Gln Ser Leu  
1 5 10

<210> 1545

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1545

Pro Ala Arg Asp Val Leu Cys Leu Arg Pro Val  
1 5 10

<210> 1546

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1546

Pro Ala Arg Val Thr Gly Gly Val Phe Leu Val  
1 5 10

<210> 1547

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1547

Pro Ala Tyr Arg Pro Pro Asn Ala Pro Ile Leu  
1 5 10

<210> 1548  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1548  
Pro Thr Val Trp Leu Ser Val Ile Trp Met Met  
1 5 10

<210> 1549  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1549  
Gln Ala Phe Thr Phe Ser Pro Thr Tyr Lys Ala  
1 5 10

<210> 1550  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1550  
Gln Ala Gly Phe Phe Leu Leu Thr Arg Ile Leu  
1 5 10

<210> 1551  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1551  
Gln Ala Ser Lys Leu Cys Leu Gly Trp Leu Trp  
1 5 10

<210> 1552  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1552  
Gln Ser Leu Thr Asn Leu Leu Ser Ser Asn Leu  
1 5 10

<210> 1553  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1553  
Arg Ala Phe Pro His Cys Leu Ala Phe Ser Tyr  
1 5 10

<210> 1554  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1554  
Arg Thr Pro Ala Arg Val Thr Gly Gly Val Phe  
1 5 10

<210> 1555  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1555  
Arg Thr Pro Pro Ala Tyr Arg Pro Pro Asn Ala  
1 5 10

<210> 1556  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1556  
Ser Ala Ile Cys Ser Val Val Arg Arg Ala Phe  
1 5 10

<210> 1557  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1557  
Ser Ala Ser Phe Cys Gly Ser Pro Tyr Ser Trp  
1 5 10

<210> 1558  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1558  
Ser Ser Asn Leu Ser Trp Leu Ser Leu Asp Val  
1 5 10

<210> 1559  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1559  
Thr Ser Ala Ile Cys Ser Val Val Arg Arg Ala  
1 5 10

<210> 1560  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1560  
Thr Ser Phe Pro Trp Leu Leu Gly Cys Ala Ala  
1 5 10

<210> 1561  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1561  
Thr Ser Gly Phe Leu Gly Pro Leu Leu Val Leu  
1 5 10

<210> 1562  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1562  
Val Ser Trp Pro Lys Phe Ala Val Pro Asn Leu  
1 5 10

<210> 1563  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1563  
Trp Thr His Lys Val Gly Asn Phe Thr Gly Leu  
1 5 10

<210> 1564  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1564  
Tyr Thr Ser Phe Pro Trp Leu Leu Gly Cys Ala  
1 5 10

<210> 1565  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1565  
Ala Ile Leu Cys Trp Gly Glu Leu  
1 5

<210> 1566  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1566



Ala Pro Phe Thr Gln Cys Gly Tyr  
1 5

<210> 1567

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1567

Ala Val Pro Asn Leu Gln Ser Leu  
1 5

<210> 1568

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1568

Cys Ile Pro Ile Pro Ser Ser Trp  
1 5

<210> 1569

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1569

Cys Leu Gly Trp Leu Trp Gly Met  
1 5

<210> 1570

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1570

Cys Leu Ile Phe Leu Leu Val Leu  
1 5

<210> 1571

<211> 8

<212> PRT

<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1571  
Cys Leu Arg Arg Phe Ile Ile Phe  
1 5

<210> 1572  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1572  
Cys Gln Arg Ile Val Gly Leu Leu  
1 5

<210> 1573  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1573  
Asp Ile Asp Pro Tyr Lys Glu Phe  
1 5

<210> 1574  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1574  
Asp Leu Leu Asp Thr Ala Ser Ala  
1 5

<210> 1575  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1575  
Asp Pro Arg Val Arg Gly Leu Tyr  
1 5

<210> 1576

<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1576  
Asp Pro Tyr Lys Glu Phe Gly Ala  
1 5

<210> 1577  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1577  
Asp Val Leu Cys Leu Arg Pro Val  
1 5

<210> 1578  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1578  
Glu Leu Gly Glu Glu Ile Arg Leu  
1 5

<210> 1579  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1579  
Glu Leu Leu Ala Ala Cys Phe Ala  
1 5

<210> 1580  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1580  
Phe Ile Ile Phe Leu Phe Ile Leu

1

5

<210> 1581

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1581

Phe Ile Leu Leu Leu Cys Leu Ile

1

5

<210> 1582

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1582

Phe Leu Gly Pro Leu Leu Val Leu

1

5

<210> 1583

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1583

Phe Leu Leu Val Leu Leu Asp Tyr

1

5

<210> 1584

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1584

Phe Pro Trp Leu Leu Gly Cys Ala

1

5

<210> 1585

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1585

Phe Val Gly Leu Ser Pro Thr Val  
1 5

<210> 1586

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1586

Phe Val Gln Trp Phe Val Gly Leu  
1 5

<210> 1587

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1587

Phe Val Tyr Val Pro Ser Ala Leu  
1 5

<210> 1588

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1588

Gly Leu Ser Pro Phe Leu Leu Ala  
1 5

<210> 1589

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1589

Gly Leu Ser Pro Thr Val Trp Leu  
1 5

<210> 1590

<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1590  
Gly Met Leu Pro Val Cys Pro Leu  
1 5

<210> 1591  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1591  
Gly Pro Leu Leu Val Leu Gln Ala  
1 5

<210> 1592  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1592  
Gly Val Gly Leu Ser Pro Phe Leu  
1 5

<210> 1593  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1593  
His Leu Tyr Ser His Pro Ile Ile  
1 5

<210> 1594  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1594  
His Pro Ala Ala Met Pro His Leu  
1 5

<210> 1595  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1595  
Ile Ile Phe Leu Phe Ile Leu Leu  
1 5

<210> 1596  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1596  
Ile Ile Leu Gly Phe Arg Lys Ile  
1 5

<210> 1597  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1597  
Ile Leu Cys Trp Gly Glu Leu Met  
1 5

<210> 1598  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1598  
Ile Leu Leu Leu Cys Leu Ile Phe  
1 5

<210> 1599  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1599  
Ile Leu Arg Gly Thr Ser Phe Val  
1 5

<210> 1600  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1600  
Ile Leu Thr Ile Pro Gln Ser Leu  
1 5

<210> 1601  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1601  
Ile Pro Ile Pro Ser Ser Trp Ala  
1 5

<210> 1602  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1602  
Ile Pro Gln Ser Leu Asp Ser Trp  
1 5

<210> 1603  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1603  
Ile Pro Ser Ser Trp Ala Phe Ala  
1 5

<210> 1604  
<211> 8  
<212> PRT



<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1604

Ile Val Gly Leu Leu Gly Phe Ala  
1 5

<210> 1605

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1605

Lys Ile Pro Met Gly Val Gly Leu  
1 5

<210> 1606

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1606

Lys Leu Cys Leu Gly Trp Leu Trp  
1 5

<210> 1607

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1607

Lys Leu Ile Met Pro Ala Arg Phe  
1 5

<210> 1608

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1608

Lys Leu Pro Val Asn Arg Pro Ile  
1 5

<210> 1609  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1609  
Lys Val Gly Asn Phe Thr Gly Leu  
1 5  
  
<210> 1610  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1610  
Lys Val Leu His Lys Arg Thr Leu  
1 5  
  
<210> 1611  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1611  
Leu Ile Phe Leu Leu Val Leu Leu  
1 5  
  
<210> 1612  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1612  
Leu Ile Met Pro Ala Arg Phe Tyr  
1 5  
  
<210> 1613  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide

<400> 1613  
Leu Leu Ala Gln Phe Thr Ser Ala  
1 5

<210> 1614  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1614  
Leu Leu Cys Leu Ile Phe Leu Leu  
1 5

<210> 1615  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1615  
Leu Leu Asp Thr Ala Ser Ala Leu  
1 5

<210> 1616  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1616  
Leu Leu Asp Tyr Gln Gly Met Leu  
1 5

<210> 1617  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1617  
Leu Leu Gly Cys Ala Ala Asn Trp  
1 5

<210> 1618  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1618  
Leu Leu Gly Phe Ala Ala Pro Phe  
1 5

<210> 1619  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1619  
Leu Leu Gly Trp Ser Pro Gln Ala  
1 5

<210> 1620  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1620  
Leu Leu Leu Cys Leu Ile Phe Leu  
1 5

<210> 1621  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1621  
Leu Leu Pro Ile Phe Phe Cys Leu  
1 5

<210> 1622  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1622  
Leu Leu Ser Leu Gly Ile His Leu  
1 5

<210> 1623  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1623  
Leu Leu Ser Ser Asn Leu Ser Trp  
1 5

<210> 1624  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1624  
Leu Leu Thr Arg Ile Leu Thr Ile  
1 5

<210> 1625  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1625  
Leu Leu Val Gly Ser Ser Gly Leu  
1 5

<210> 1626  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1626  
Leu Leu Val Leu Gln Ala Gly Phe  
1 5

<210> 1627  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1627

Leu Leu Val Pro Phe Val Gln Trp  
1 5

<210> 1628  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1628  
Leu Met Pro Leu Tyr Ala Cys Ile  
1 5

<210> 1629  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1629  
Leu Pro Ile Phe Phe Cys Leu Trp  
1 5

<210> 1630  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1630  
Leu Pro Ile His Thr Ala Glu Leu  
1 5

<210> 1631  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1631  
Leu Gln Ala Gly Phe Phe Leu Leu  
1 5

<210> 1632  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1632  
Leu Gln Ser Leu Thr Asn Leu Leu  
1 5

<210> 1633  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1633  
Leu Val Leu Gln Ala Gly Phe Phe  
1 5

<210> 1634  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1634  
Leu Val Pro Phe Val Gln Trp Phe  
1 5

<210> 1635  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1635  
Leu Val Ser Phe Gly Val Trp Ile  
1 5

<210> 1636  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1636  
Leu Val Val Asp Phe Ser Gln Phe  
1 5

<210> 1637

<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1637  
Met Pro Leu Ser Tyr Gln His Phe  
1 5

<210> 1638  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1638  
Met Gln Leu Phe His Leu Cys Leu  
1 5

<210> 1639  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1639  
Met Gln Trp Asn Ser Thr Thr Phe  
1 5

<210> 1640  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1640  
Asn Leu Asn Val Ser Ile Pro Trp  
1 5

<210> 1641  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1641  
Asn Leu Gln Ser Leu Thr Asn Leu



1

5

<210> 1642

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1642

Asn Leu Ser Val Pro Asn Pro Leu

1

5

<210> 1643

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1643

Asn Pro Asn Lys Thr Lys Arg Trp

1

5

<210> 1644

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1644

Pro Ile Phe Phe Cys Leu Trp Val

1

5

<210> 1645

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1645

Pro Ile His Thr Ala Glu Leu Leu

1

5

<210> 1646

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1646

Pro Ile Pro Ser Ser Trp Ala Phe  
1 5

<210> 1647

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1647

Pro Gln Ser Leu Asp Ser Trp Trp  
1 5

<210> 1648

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1648

Pro Val Cys Ala Phe Ser Ser Ala  
1 5

<210> 1649

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1649

Pro Val Asn Arg Pro Ile Asp Trp  
1 5

<210> 1650

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1650

Gln Leu Asp Pro Ala Arg Asp Val  
1 5

<210> 1651

<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1651  
Arg Ile Val Gly Leu Leu Gly Phe  
1 5

<210> 1652  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1652  
Arg Leu Lys Leu Ile Met Pro Ala  
1 5

<210> 1653  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1653  
Arg Pro Pro Asn Ala Pro Ile Leu  
1 5

<210> 1654  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1654  
Arg Gln Leu Leu Trp Phe His Ile  
1 5

<210> 1655  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1655  
Arg Val Ala Glu Asp Leu Asn Leu  
1 5

<210> 1656  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1656  
Arg Val His Phe Ala Ser Pro Leu  
1 5  
  
<210> 1657  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1657  
Arg Val Thr Gly Gly Val Phe Leu  
1 5  
  
<210> 1658  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1658  
Ser Ile Pro Trp Thr His Lys Val  
1 5  
  
<210> 1659  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1659  
Ser Leu Asp Val Ser Ala Ala Phe  
1 5  
  
<210> 1660  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide

<400> 1660  
Ser Leu Asn Phe Met Gly Tyr Val  
1 5

<210> 1661  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1661  
Ser Pro Phe Leu Leu Ala Gln Phe  
1 5

<210> 1662  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1662  
Ser Pro Gln Ala Gln Gly Ile Leu  
1 5

<210> 1663  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1663  
Ser Pro Ser Val Pro Ser His Leu  
1 5

<210> 1664  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1664  
Ser Pro Thr Val Trp Leu Ser Val  
1 5

<210> 1665  
<211> 8  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1665

Ser Pro Thr Tyr Lys Ala Phe Leu  
1 5

<210> 1666

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1666

Ser Val Pro Asn Pro Leu Gly Phe  
1 5

<210> 1667

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1667

Ser Val Gln His Leu Glu Ser Leu  
1 5

<210> 1668

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1668

Ser Val Val Leu Ser Arg Lys Tyr  
1 5

<210> 1669

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1669

Thr Leu Pro Glu Thr Thr Val Val  
1 5

<210> 1670  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1670  
Thr Leu Trp Lys Ala Gly Ile Leu  
1 5  
  
<210> 1671  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1671  
Thr Pro Pro His Gly Gly Leu Leu  
1 5  
  
<210> 1672  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1672  
Thr Pro Thr Gly Trp Gly Leu Ala  
1 5  
  
<210> 1673  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1673  
Thr Gln Cys Gly Tyr Pro Ala Leu  
1 5  
  
<210> 1674  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide

<400> 1674  
Thr Val Asn Glu Lys Arg Arg Leu  
1 5

<210> 1675  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1675  
Thr Val Trp Leu Ser Val Ile Trp  
1 5

<210> 1676  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1676  
Val Leu Leu Asp Tyr Gln Gly Met  
1 5

<210> 1677  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1677  
Val Leu Gln Ala Gly Phe Phe Leu  
1 5

<210> 1678  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1678  
Val Pro Phe Val Gln Trp Phe Val  
1 5

<210> 1679  
<211> 8  
<212> PRT  
<213> Artificial Sequence



<220>  
<223> Artificially Synthesized Peptide

<400> 1679  
Val Pro Ser Ala Leu Asn Pro Ala  
1 5

<210> 1680  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1680  
Val Gln Ala Ser Lys Leu Cys Leu  
1 5

<210> 1681  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1681  
Val Val Leu Gly Ala Lys Ser Val  
1 5

<210> 1682  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1682  
Trp Ile Leu Arg Gly Thr Ser Phe  
1 5

<210> 1683  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1683  
Trp Ile Arg Thr Pro Pro Ala Tyr  
1 5

<210> 1684  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1684  
Trp Leu Ser Leu Asp Val Ser Ala  
1 5  
  
<210> 1685  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1685  
Trp Leu Ser Leu Leu Val Pro Phe  
1 5  
  
<210> 1686  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1686  
Trp Met Cys Leu Arg Arg Phe Ile  
1 5  
  
<210> 1687  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1687  
Tyr Leu His Thr Leu Trp Lys Ala  
1 5  
  
<210> 1688  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1688

Tyr Leu Pro Leu Asp Lys Gly Ile  
1 5

<210> 1689

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1689

Tyr Leu Val Ser Phe Gly Val Trp  
1 5

<210> 1690

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1690

Tyr Pro Ala Leu Met Pro Leu Tyr  
1 5

<210> 1691

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1691

Tyr Gln His Phe Arg Lys Leu Leu  
1 5

<210> 1692

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1692

Ala Ile Cys Ser Val Val Arg Arg Ala  
1 5

<210> 1693

<211> 9

<212> PRT

<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1693  
Ala Ile Leu Cys Trp Gly Glu Leu Met  
1 5

<210> 1694  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1694  
Ala Leu Met Pro Leu Tyr Ala Cys Ile  
1 5

<210> 1695  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1695  
Ala Leu Arg Gln Ala Ile Leu Cys Trp  
1 5

<210> 1696  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1696  
Ala Met Gln Trp Asn Ser Thr Thr Phe  
1 5

<210> 1697  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1697  
Ala Met Ser Thr Thr Asp Leu Glu Ala  
1 5

<210> 1698

<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1698  
Ala Pro Cys Asn Phe Phe Thr Ser Ala  
1 5

<210> 1699  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1699  
Cys Ile Pro Ile Pro Ser Ser Trp Ala  
1 5

<210> 1700  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1700  
Cys Leu Ile Phe Leu Leu Val Leu Leu  
1 5

<210> 1701  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1701  
Cys Leu Arg Arg Phe Ile Ile Phe Leu  
1 5

<210> 1702  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1702  
Cys Leu Thr Phe Gly Arg Glu Thr Val

1

5

<210> 1703

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1703

Cys Pro Gly Tyr Arg Trp Met Cys Leu

1

5

<210> 1704

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1704

Cys Pro Thr Val Gln Ala Ser Lys Leu

1

5

<210> 1705

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1705

Cys Gln Leu Asp Pro Ala Arg Asp Val

1

5

<210> 1706

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1706

Asp Leu Leu Asp Thr Ala Ser Ala Leu

1

5

<210> 1707

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1707

Asp Leu Asn Leu Gly Asn Leu Asn Val  
1 5

<210> 1708

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1708

Asp Pro Ala Arg Asp Val Leu Cys Leu  
1 5

<210> 1709

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1709

Asp Pro Ser Arg Gly Arg Leu Gly Leu  
1 5

<210> 1710

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1710

Asp Val Val Leu Gly Ala Lys Ser Val  
1 5

<210> 1711

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1711

Phe Ile Ile Phe Leu Phe Ile Leu Leu  
1 5

<210> 1712

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1712  
Phe Ile Leu Leu Leu Cys Leu Ile Phe  
1 5

<210> 1713  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1713  
Phe Leu Phe Ile Leu Leu Leu Cys Leu  
1 5

<210> 1714  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1714  
Phe Leu Leu Ala Gln Phe Thr Ser Ala  
1 5

<210> 1715  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1715  
Phe Leu Leu Ser Leu Gly Ile His Leu  
1 5

<210> 1716  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1716  
Phe Leu Leu Thr Arg Ile Leu Thr Ile  
1 5



<210> 1717  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1717  
Phe Pro Asp His Gln Leu Asp Pro Ala  
1 5

<210> 1718  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1718  
Phe Pro His Cys Leu Ala Phe Ser Tyr  
1 5

<210> 1719  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1719  
Phe Pro Trp Leu Leu Gly Cys Ala Ala  
1 5

<210> 1720  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1720  
Phe Val Gly Leu Ser Pro Thr Val Trp  
1 5

<210> 1721  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1721  
Gly Leu Cys Gln Val Phe Ala Asp Ala  
1 5

<210> 1722  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1722  
Gly Leu Leu Gly Phe Ala Ala Pro Phe  
1 5

<210> 1723  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1723  
Gly Leu Leu Gly Trp Ser Pro Gln Ala  
1 5

<210> 1724  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1724  
Gly Val Gly Leu Ser Pro Phe Leu Leu  
1 5

<210> 1725  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1725  
Gly Val Trp Ile Arg Thr Pro Pro Ala  
1 5

<210> 1726  
<211> 9  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1726

His Leu Leu Val Gly Ser Ser Gly Leu  
1 5

<210> 1727

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1727

His Leu Ser Leu Arg Gly Leu Pro Val  
1 5

<210> 1728

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1728

His Leu Tyr Ser His Pro Ile Ile Leu  
1 5

<210> 1729

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1729

His Pro Ala Ala Met Pro His Leu Leu  
1 5

<210> 1730

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1730

Ile Ile Phe Leu Phe Ile Leu Leu Leu  
1 5

<210> 1731  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1731  
Ile Leu Gly Phe Arg Lys Ile Pro Met  
1 5  
  
<210> 1732  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1732  
Ile Leu Leu Leu Cys Leu Ile Phe Leu  
1 5  
  
<210> 1733  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1733  
Ile Leu Arg Gly Thr Ser Phe Val Tyr  
1 5  
  
<210> 1734  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1734  
Ile Pro Ile Pro Ser Ser Trp Ala Phe  
1 5  
  
<210> 1735  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide

<400> 1735

Ile Pro Gln Ser Leu Asp Ser Trp Trp  
1 5

<210> 1736

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1736

Ile Val Gly Leu Leu Gly Phe Ala Ala  
1 5

<210> 1737

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1737

Lys Leu His Leu Tyr Ser His Pro Ile  
1 5

<210> 1738

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1738

Lys Leu Ile Met Pro Ala Arg Phe Tyr  
1 5

<210> 1739

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1739

Lys Val Cys Gln Arg Ile Val Gly Leu  
1 5

<210> 1740

<211> 9

<212> PRT

<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1740  
Lys Val Gly Asn Phe Thr Gly Leu Tyr  
1 5

<210> 1741  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1741  
Leu Leu Ala Gln Phe Thr Ser Ala Ile  
1 5

<210> 1742  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1742  
Leu Leu Cys Leu Ile Phe Leu Leu Val  
1 5

<210> 1743  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1743  
Leu Leu Asp Thr Ala Ser Ala Leu Tyr  
1 5

<210> 1744  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1744  
Leu Leu Gly Cys Ala Ala Asn Trp Ile  
1 5

<210> 1745  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1745  
Leu Leu Leu Cys Leu Ile Phe Leu Leu  
1 5

<210> 1746  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1746  
Leu Leu Pro Ile Phe Phe Cys Leu Trp  
1 5

<210> 1747  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1747  
Leu Leu Ser Phe Leu Pro Ser Asp Phe  
1 5

<210> 1748  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1748  
Leu Leu Ser Ser Asn Leu Ser Trp Leu  
1 5

<210> 1749  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1749

Leu Leu Val Leu Gln Ala Gly Phe Phe  
1 5

<210> 1750  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1750  
Leu Leu Val Pro Phe Val Gln Trp Phe  
1 5

<210> 1751  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1751  
Leu Leu Trp Phe His Ile Ser Cys Leu  
1 5

<210> 1752  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1752  
Leu Pro Ile Phe Phe Cys Leu Trp Val  
1 5

<210> 1753  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1753  
Leu Pro Ile His Thr Ala Glu Leu Leu  
1 5

<210> 1754  
<211> 9  
<212> PRT  
<213> Artificial Sequence



<220>  
<223> Artificially Synthesized Peptide

<400> 1754  
Leu Pro Val Cys Ala Phe Ser Ser Ala  
1 5

<210> 1755  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1755  
Leu Pro Val Asn Arg Pro Ile Asp Trp  
1 5

<210> 1756  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1756  
Leu Val Leu Leu Asp Tyr Gln Gly Met  
1 5

<210> 1757  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1757  
Leu Val Leu Gln Ala Gly Phe Phe Leu  
1 5

<210> 1758  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1758  
Leu Val Pro Phe Val Gln Trp Phe Val  
1 5

<210> 1759

<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1759  
Met Met Trp Tyr Trp Gly Pro Ser Leu  
1 5

<210> 1760  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1760  
Asn Leu Gly Asn Leu Asn Val Ser Ile  
1 5

<210> 1761  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1761  
Asn Leu Leu Ser Ser Asn Leu Ser Trp  
1 5

<210> 1762  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1762  
Asn Leu Gln Ser Leu Thr Asn Leu Leu  
1 5

<210> 1763  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1763  
Asn Leu Ser Trp Leu Ser Leu Asp Val

1

5

<210> 1764

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1764

Pro Ile Phe Phe Cys Leu Trp Val Tyr

1

5

<210> 1765

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1765

Pro Ile His Thr Ala Glu Leu Leu Ala

1

5

<210> 1766

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1766

Pro Ile Ile Leu Gly Phe Arg Lys Ile

1

5

<210> 1767

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1767

Pro Ile Pro Ser Ser Trp Ala Phe Ala

1

5

<210> 1768

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1768

Pro Leu Asp Lys Gly Ile Lys Pro Tyr  
1 5

<210> 1769

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1769

Pro Leu Glu Glu Glu Leu Pro Arg Leu  
1 5

<210> 1770

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1770

Pro Leu Leu Pro Ile Phe Phe Cys Leu  
1 5

<210> 1771

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1771

Pro Leu Leu Val Leu Gln Ala Gly Phe  
1 5

<210> 1772

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1772

Pro Leu Pro Ile His Thr Ala Glu Leu  
1 5

<210> 1773

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1773  
Pro Met Gly Val Gly Leu Ser Pro Phe  
1 5

<210> 1774  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1774  
Pro Pro Ala Tyr Arg Pro Pro Asn Ala  
1 5

<210> 1775  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1775  
Pro Pro His Gly Gly Leu Leu Gly Trp  
1 5

<210> 1776  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1776  
Gln Leu Asp Pro Ala Arg Asp Val Leu  
1 5

<210> 1777  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1777  
Arg Ile Leu Thr Ile Pro Gln Ser Leu  
1 5

<210> 1778  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1778  
Arg Ile Val Gly Leu Leu Gly Phe Ala  
1 5

<210> 1779  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1779  
Arg Leu Val Val Asp Phe Ser Gln Phe  
1 5

<210> 1780  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1780  
Arg Val Thr Gly Gly Val Phe Leu Val  
1 5

<210> 1781  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1781  
Ser Leu Asp Ser Trp Trp Thr Ser Leu  
1 5

<210> 1782  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1782  
Ser Leu Asp Val Ser Ala Ala Phe Tyr  
1 5

<210> 1783  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1783  
Ser Leu Leu Val Pro Phe Val Gln Trp  
1 5

<210> 1784  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1784  
Ser Leu Asn Phe Met Gly Tyr Val Ile  
1 5

<210> 1785  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1785  
Ser Leu Arg Gly Leu Pro Val Cys Ala  
1 5

<210> 1786  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1786  
Ser Pro Thr Val Trp Leu Ser Val Ile  
1 5

<210> 1787  
<211> 9  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1787

Ser Val Arg Phe Ser Trp Leu Ser Leu  
1 5

<210> 1788

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1788

Thr Ile Pro Gln Ser Leu Asp Ser Trp  
1 5

<210> 1789

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1789

Thr Leu Trp Lys Ala Gly Ile Leu Tyr  
1 5

<210> 1790

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1790

Thr Pro Ala Arg Val Thr Gly Gly Val  
1 5

<210> 1791

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1791

Thr Pro Thr Gly Trp Gly Leu Ala Ile  
1 5



<210> 1792  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1792  
Thr Gln Cys Gly Tyr Pro Ala Leu Met  
1 5  
  
<210> 1793  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1793  
Thr Val Gln Ala Ser Lys Leu Cys Leu  
1 5  
  
<210> 1794  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1794  
Thr Val Trp Leu Ser Val Ile Trp Met  
1 5  
  
<210> 1795  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1795  
Val Leu Cys Leu Arg Pro Val Gly Ala  
1 5  
  
<210> 1796  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide

<400> 1796

Val Leu Gly Gly Cys Arg His Lys Leu  
1 5

<210> 1797

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1797

Val Leu His Lys Arg Thr Leu Gly Leu  
1 5

<210> 1798

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1798

Val Leu Leu Asp Tyr Gln Gly Met Leu  
1 5

<210> 1799

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1799

Val Leu Gln Ala Gly Phe Phe Leu Leu  
1 5

<210> 1800

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1800

Val Leu Ser Arg Lys Tyr Thr Ser Phe  
1 5

<210> 1801

<211> 9

<212> PRT

<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1801  
Trp Ile Leu Arg Gly Thr Ser Phe Val  
1 5

<210> 1802  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1802  
Trp Leu Leu Gly Cys Ala Ala Asn Trp  
1 5

<210> 1803  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1803  
Trp Leu Ser Leu Asp Val Ser Ala Ala  
1 5

<210> 1804  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1804  
Trp Leu Ser Leu Leu Val Pro Phe Val  
1 5

<210> 1805  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1805  
Trp Met Cys Leu Arg Arg Phe Ile Ile  
1 5

<210> 1806  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1806  
Trp Pro Lys Phe Ala Val Pro Asn Leu  
1 5

<210> 1807  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1807  
Tyr Leu Val Ser Phe Gly Val Trp Ile  
1 5

<210> 1808  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1808  
Tyr Met Asp Asp Val Val Leu Gly Ala  
1 5

<210> 1809  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1809  
Tyr Pro Ala Leu Met Pro Leu Tyr Ala  
1 5

<210> 1810  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1810

Tyr Gln His Phe Arg Lys Leu Leu Leu  
1 5

<210> 1811  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1811  
Tyr Val Pro Ser Ala Leu Asn Pro Ala  
1 5

<210> 1812  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1812  
Ala Ile Cys Ser Val Val Arg Arg Ala Phe  
1 5 10

<210> 1813  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1813  
Ala Pro Phe Thr Gln Cys Gly Tyr Pro Ala  
1 5 10

<210> 1814  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1814  
Ala Gln Phe Thr Ser Ala Ile Cys Ser Val  
1 5 10

<210> 1815  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1815  
Cys Ile Pro Ile Pro Ser Ser Trp Ala Phe  
1 5 10

<210> 1816  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1816  
Cys Leu Ala Phe Ser Tyr Met Asp Asp Val  
1 5 10

<210> 1817  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1817  
Cys Leu Gly Trp Leu Trp Gly Met Asp Ile  
1 5 10

<210> 1818  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1818  
Cys Leu Arg Arg Phe Ile Ile Phe Leu Phe  
1 5 10

<210> 1819  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1819  
Cys Gln Leu Asp Pro Ala Arg Asp Val Leu  
1 5 10

<210> 1820

<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1820  
Cys Gln Arg Ile Val Gly Leu Leu Gly Phe  
1 5 10

<210> 1821  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1821  
Asp Ile Asp Pro Tyr Lys Glu Phe Gly Ala  
1 5 10

<210> 1822  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1822  
Asp Leu Leu Asp Thr Ala Ser Ala Leu Tyr  
1 5 10

<210> 1823  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1823  
Asp Val Leu Cys Leu Arg Pro Val Gly Ala  
1 5 10

<210> 1824  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1824  
Glu Leu Leu Ser Phe Leu Pro Ser Asp Phe

1 5 10

<210> 1825

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1825

Phe Ile Ile Phe Leu Phe Ile Leu Leu Leu  
1 5 10

<210> 1826

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1826

Phe Ile Leu Leu Leu Cys Leu Ile Phe Leu  
1 5 10

<210> 1827

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1827

Phe Leu Phe Ile Leu Leu Leu Cys Leu Ile  
1 5 10

<210> 1828

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1828

Phe Leu Gly Pro Leu Leu Val Leu Gln Ala  
1 5 10

<210> 1829

<211> 10

<212> PRT

<213> Artificial Sequence

<220>



<223> Artificially Synthesized Peptide

<400> 1829

Phe Leu Leu Ala Gln Phe Thr Ser Ala Ile  
1 5 10

<210> 1830

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1830

Phe Pro Asp His Gln Leu Asp Pro Ala Phe  
1 5 10

<210> 1831

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1831

Phe Pro His Cys Leu Ala Phe Ser Tyr Met  
1 5 10

<210> 1832

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1832

Phe Val Gly Leu Ser Pro Thr Val Trp Leu  
1 5 10

<210> 1833

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1833

Phe Val Leu Gly Gly Cys Arg His Lys Leu  
1 5 10

<210> 1834

<211> 10

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1834  
Gly Leu Pro Val Cys Ala Phe Ser Ser Ala  
1 5 10

<210> 1835  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1835  
Gly Leu Ser Pro Phe Leu Leu Ala Gln Phe  
1 5 10

<210> 1836  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1836  
Gly Leu Ser Pro Thr Val Trp Leu Ser Val  
1 5 10

<210> 1837  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1837  
Gly Met Asp Ile Asp Pro Tyr Lys Glu Phe  
1 5 10

<210> 1838  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1838  
Gly Pro Cys Ala Leu Arg Phe Thr Ser Ala  
1 5 10

<210> 1839  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1839  
Gly Pro Leu Glu Glu Glu Leu Pro Arg Leu  
1 5 10

<210> 1840  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1840  
Gly Pro Leu Leu Val Leu Gln Ala Gly Phe  
1 5 10

<210> 1841  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1841  
Gly Val Gly Leu Ser Pro Phe Leu Leu Ala  
1 5 10

<210> 1842  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1842  
Gly Val Trp Ile Arg Thr Pro Pro Ala Tyr  
1 5 10

<210> 1843  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1843  
His Leu Asn Pro Asn Lys Thr Lys Arg Trp  
1 5 10

<210> 1844  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1844  
His Pro Ala Ala Met Pro His Leu Leu Val  
1 5 10

<210> 1845  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1845  
His Pro Ile Ile Leu Gly Phe Arg Lys Ile  
1 5 10

<210> 1846  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1846  
Ile Ile Leu Gly Phe Arg Lys Ile Pro Met  
1 5 10

<210> 1847  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1847  
Ile Leu Leu Leu Cys Leu Ile Phe Leu Leu  
1 5 10

<210> 1848  
<211> 10  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1848

Ile	Leu	Arg	Gly	Thr	Ser	Phe	Val	Tyr	Val
1				5					10

<210> 1849

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1849

Ile	Leu	Ser	Thr	Leu	Pro	Glu	Thr	Thr	Val
1				5					10

<210> 1850

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1850

Ile	Pro	Ile	Pro	Ser	Ser	Trp	Ala	Phe	Ala
1				5					10

<210> 1851

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1851

Ile	Pro	Met	Gly	Val	Gly	Leu	Ser	Pro	Phe
1				5					10

<210> 1852

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1852

Ile	Pro	Trp	Thr	His	Lys	Val	Gly	Asn	Phe
1				5					10

<210> 1853  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1853  
Lys Leu Cys Leu Gly Trp Leu Trp Gly Met  
1 5 10

<210> 1854  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1854  
Lys Leu His Leu Tyr Ser His Pro Ile Ile  
1 5 10

<210> 1855  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1855  
Lys Leu Pro Val Asn Arg Pro Ile Asp Trp  
1 5 10

<210> 1856  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1856  
Lys Gln Ala Phe Thr Phe Ser Pro Thr Tyr  
1 5 10

<210> 1857  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1857  
Lys Val Cys Gln Arg Ile Val Gly Leu Leu  
1 5 10

<210> 1858  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1858  
Lys Val Leu His Lys Arg Thr Leu Gly Leu  
1 5 10

<210> 1859  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1859  
Leu Ile Phe Leu Leu Val Leu Leu Asp Tyr  
1 5 10

<210> 1860  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1860  
Leu Leu Cys Leu Ile Phe Leu Leu Val Leu  
1 5 10

<210> 1861  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1861  
Leu Leu Asp Tyr Gln Gly Met Leu Pro Val  
1 5 10

<210> 1862  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1862  
Leu Leu Gly Cys Ala Ala Asn Trp Ile Leu  
1 5 10

<210> 1863  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1863  
Leu Leu Leu Cys Leu Ile Phe Leu Leu Val  
1 5 10

<210> 1864  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1864  
Leu Leu Pro Ile Phe Phe Cys Leu Trp Val  
1 5 10

<210> 1865  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1865  
Leu Leu Ser Phe Leu Pro Ser Asp Phe Phe  
1 5 10

<210> 1866  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1866  
Leu Leu Val Leu Leu Asp Tyr Gln Gly Met  
1 5 10



<210> 1867  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1867  
Leu Leu Val Leu Gln Ala Gly Phe Phe Leu  
1 5 10

<210> 1868  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1868  
Leu Leu Val Pro Phe Val Gln Trp Phe Val  
1 5 10

<210> 1869  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1869  
Leu Pro Ile Phe Phe Cys Leu Trp Val Tyr  
1 5 10

<210> 1870  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1870  
Leu Pro Ile His Thr Ala Glu Leu Leu Ala  
1 5 10

<210> 1871  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1871

Leu Pro Lys Val Leu His Lys Arg Thr Leu  
1 5 10

<210> 1872  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1872  
Leu Pro Leu Asp Lys Gly Ile Lys Pro Tyr  
1 5 10

<210> 1873  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1873  
Leu Val Leu Leu Asp Tyr Gln Gly Met Leu  
1 5 10

<210> 1874  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1874  
Leu Val Leu Gln Ala Gly Phe Phe Leu Leu  
1 5 10

<210> 1875  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1875  
Met Met Trp Tyr Trp Gly Pro Ser Leu Tyr  
1 5 10

<210> 1876  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1876  
Asn Leu Leu Ser Ser Asn Leu Ser Trp Leu  
1 5 10

<210> 1877  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1877  
Asn Leu Ser Val Pro Asn Pro Leu Gly Phe  
1 5 10

<210> 1878  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1878  
Asn Pro Asn Lys Thr Lys Arg Trp Gly Tyr  
1 5 10

<210> 1879  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1879  
Asn Val Ser Ile Pro Trp Thr His Lys Val  
1 5 10

<210> 1880  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1880  
Pro Ile Asp Trp Lys Val Cys Gln Arg Ile  
1 5 10

<210> 1881

<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1881  
Pro Ile Phe Phe Cys Leu Trp Val Tyr Ile  
1 5 10

<210> 1882  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1882  
Pro Ile His Thr Ala Glu Leu Leu Ala Ala  
1 5 10

<210> 1883  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1883  
Pro Leu Asp Lys Gly Ile Lys Pro Tyr Tyr  
1 5 10

<210> 1884  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1884  
Pro Leu Glu Glu Glu Leu Pro Arg Leu Ala  
1 5 10

<210> 1885  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1885  
Pro Leu Gly Phe Phe Pro Asp His Gln Leu

**1                      5                      10**

<210> 1886

<211> 10

<212> PRT

<213> Artificial Sequence

**<220>**

### <223> Artificially Synthesized Peptide

<400> 1886

Pro Leu His Pro Ala Ala Met Pro His Leu

1                      5                      10

<210> 1887

<211> 10

<212> PRT

<213> Artificial Sequence

**<220>**

<223> Artificially Synthesized Peptide

<400> 1887

Pro Leu Leu Pro Ile Phe Phe Cys Leu Trp

1                      5                      10

<210> 1888

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1888

Pro Leu Leu Val Leu Gln Ala Gly Phe Phe

**1**                      **5**                      **10**

<210> 1889

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1889

Pro Leu Pro Ile His Thr Ala Glu Leu Leu

1                      5                      10

<210> 1890

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1890

Pro Leu Ser Tyr Gln His Phe Arg Lys Leu  
1 5 10

<210> 1891

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1891

Pro Leu Thr Val Asn Glu Lys Arg Arg Leu  
1 5 10

<210> 1892

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1892

Pro Met Gly Val Gly Leu Ser Pro Phe Leu  
1 5 10

<210> 1893

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1893

Pro Pro Asn Ala Pro Ile Leu Ser Thr Leu  
1 5 10

<210> 1894

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1894

Pro Val Asn Arg Pro Ile Asp Trp Lys Val  
1 5 10

<210> 1895

<211> 10

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1895  
Gln Leu Leu Trp Phe His Ile Ser Cys Leu  
1 5 10

<210> 1896  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1896  
Arg Ile Val Gly Leu Leu Gly Phe Ala Ala  
1 5 10

<210> 1897  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1897  
Arg Leu Lys Leu Ile Met Pro Ala Arg Phe  
1 5 10

<210> 1898  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1898  
Arg Gln Ala Ile Leu Cys Trp Gly Glu Leu  
1 5 10

<210> 1899  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1899  
Arg Val His Phe Ala Ser Pro Leu His Val  
1 5 10

<210> 1900  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1900  
Ser Leu Leu Val Pro Phe Val Gln Trp Phe  
1 5 10

<210> 1901  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1901  
Ser Leu Arg Gly Leu Pro Val Cys Ala Phe  
1 5 10

<210> 1902  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1902  
Ser Leu Thr Asn Leu Leu Ser Ser Asn Leu  
1 5 10

<210> 1903  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1903  
Ser Pro His His Thr Ala Leu Arg Gln Ala  
1 5 10

<210> 1904  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide



<400> 1904  
Ser Pro Thr Val Trp Leu Ser Val Ile Trp  
1 5 10

<210> 1905  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1905  
Ser Val Arg Phe Ser Trp Leu Ser Leu Leu  
1 5 10

<210> 1906  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1906  
Thr Ile Pro Gln Ser Leu Asp Ser Trp Trp  
1 5 10

<210> 1907  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1907  
Thr Pro Ala Arg Val Thr Gly Gly Val Phe  
1 5 10

<210> 1908  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1908  
Thr Pro Pro Ala Tyr Arg Pro Pro Asn Ala  
1 5 10

<210> 1909  
<211> 10  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1909

Thr Pro Pro His Gly Gly Leu Leu Gly Trp  
1 5 10

<210> 1910

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1910

Val Leu Gly Ala Lys Ser Val Gln His Leu  
1 5 10

<210> 1911

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1911

Val Leu Gly Gly Cys Arg His Lys Leu Val  
1 5 10

<210> 1912

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1912

Val Pro Phe Val Gln Trp Phe Val Gly Leu  
1 5 10

<210> 1913

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1913

Val Pro Asn Leu Gln Ser Leu Thr Asn Leu  
1 5 10

<210> 1914  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1914  
Val Gln Ala Ser Lys Leu Cys Leu Gly Trp  
1 5 10

<210> 1915  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1915  
Val Val Leu Ser Arg Lys Tyr Thr Ser Phe  
1 5 10

<210> 1916  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1916  
Val Val Arg Arg Ala Phe Pro His Cys Leu  
1 5 10

<210> 1917  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1917  
Trp Ile Leu Arg Gly Thr Ser Phe Val Tyr  
1 5 10

<210> 1918  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1918  
Trp Leu Leu Gly Cys Ala Ala Asn Trp Ile  
1 5 10

<210> 1919  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1919  
Trp Leu Ser Leu Asp Val Ser Ala Ala Phe  
1 5 10

<210> 1920  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1920  
Trp Leu Trp Gly Met Asp Ile Asp Pro Tyr  
1 5 10

<210> 1921  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1921  
Trp Met Cys Leu Arg Arg Phe Ile Ile Phe  
1 5 10

<210> 1922  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1922  
Trp Met Met Trp Tyr Trp Gly Pro Ser Leu  
1 5 10

<210> 1923  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1923  
Tyr Leu His Thr Leu Trp Lys Ala Gly Ile  
1 5 10  
  
<210> 1924  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1924  
Tyr Gln Gly Met Leu Pro Val Cys Pro Leu  
1 5 10  
  
<210> 1925  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1925  
Tyr Gln His Phe Arg Lys Leu Leu Leu Leu  
1 5 10  
  
<210> 1926  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1926  
Ala Pro Phe Thr Gln Cys Gly Tyr Pro Ala Leu  
1 5 10  
  
<210> 1927  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1927  
Ala Gln Phe Thr Ser Ala Ile Cys Ser Val Val  
1 5 10

<210> 1928  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1928  
Ala Val Pro Asn Leu Gln Ser Leu Thr Asn Leu  
1 5 10

<210> 1929  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1929  
Cys Ile Pro Ile Pro Ser Ser Trp Ala Phe Ala  
1 5 10

<210> 1930  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1930  
Cys Leu Ala Phe Ser Tyr Met Asp Asp Val Val  
1 5 10

<210> 1931  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1931  
Cys Leu Ile Phe Leu Leu Val Leu Leu Asp Tyr  
1 5 10

<210> 1932  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1932

Cys Leu Arg Arg Phe Ile Ile Phe Leu Phe Ile  
1 5 10

<210> 1933  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1933  
Cys Pro Thr Val Gln Ala Ser Lys Leu Cys Leu  
1 5 10

<210> 1934  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1934  
Cys Gln Arg Ile Val Gly Leu Leu Gly Phe Ala  
1 5 10

<210> 1935  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1935  
Asp Leu Asn Leu Gly Asn Leu Asn Val Ser Ile  
1 5 10

<210> 1936  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1936  
Glu Leu Leu Ser Phe Leu Pro Ser Asp Phe Phe  
1 5 10

<210> 1937  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1937  
Phe Ile Leu Leu Leu Cys Leu Ile Phe Leu Leu  
1 5 10

<210> 1938  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1938  
Phe Leu Phe Ile Leu Leu Leu Cys Leu Ile Phe  
1 5 10

<210> 1939  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1939  
Phe Leu Leu Val Leu Leu Asp Tyr Gln Gly Met  
1 5 10

<210> 1940  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1940  
Phe Pro Ala Gly Gly Ser Ser Ser Gly Thr Val  
1 5 10

<210> 1941  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1941  
Phe Pro Trp Leu Leu Gly Cys Ala Ala Asn Trp  
1 5 10

<210> 1942



<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1942  
Phe Val Leu Gly Gly Cys Arg His Lys Leu Val  
1 . 5 10

<210> 1943  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1943  
Phe Val Tyr Val Pro Ser Ala Leu Asn Pro Ala  
1 5 10

<210> 1944  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1944  
Gly Leu Ser Pro Thr Val Trp Leu Ser Val Ile  
1 5 10

<210> 1945  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1945  
Gly Pro Leu Glu Glu Glu Leu Pro Arg Leu Ala  
1 5 10

<210> 1946  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1946  
Gly Pro Leu Leu Val Leu Gln Ala Gly Phe Phe

<220>  
<223> Artificially Synthesized Peptide

<220>  
<223> Artificially Synthesized Peptide

<220>  
<223> Artificially Synthesized Peptide

<220>  
<223> Artificially Synthesized Peptide

**<220>**

<223> Artificially Synthesized Peptide

<400> 1951

Ile Leu Leu Leu Cys Leu Ile Phe Leu Leu Val  
1 5 10

<210> 1952

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1952

Ile Leu Ser Thr Leu Pro Glu Thr Thr Val Val  
1 5 10

<210> 1953

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1953

Ile Leu Thr Ile Pro Gln Ser Leu Asp Ser Trp  
1 5 10

<210> 1954

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1954

Ile Pro Met Gly Val Gly Leu Ser Pro Phe Leu  
1 5 10

<210> 1955

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1955

Ile Val Gly Leu Leu Gly Phe Ala Ala Pro Phe  
1 5 10

<210> 1956

<211> 11

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1956  
Lys Ile Pro Met Gly Val Gly Leu Ser Pro Phe  
1 4 5 10

<210> 1957  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1957  
Lys Leu His Leu Tyr Ser His Pro Ile Ile Leu  
1 5 10

<210> 1958  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1958  
Leu Leu Cys Leu Ile Phe Leu Leu Val Leu Leu  
1 5 10

<210> 1959  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1959  
Leu Leu Gly Trp Ser Pro Gln Ala Gln Gly Ile  
1 5 10

<210> 1960  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1960  
Leu Leu Leu Cys Leu Ile Phe Leu Leu Val Leu  
1 5 10

<210> 1961

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1961

Leu	Leu	Pro	Ile	Phe	Phe	Cys	Leu	Trp	Val	Tyr
1				5					10	

<210> 1962

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1962

Leu	Leu	Ser	Ser	Asn	Leu	Ser	Trp	Leu	Ser	Leu
1				5					10	

<210> 1963

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1963

Leu	Leu	Val	Leu	Leu	Asp	Tyr	Gln	Gly	Met	Leu
1				5					10	

<210> 1964

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1964

Leu	Leu	Val	Leu	Gln	Ala	Gly	Phe	Phe	Leu	Leu
1				5					10	

<210> 1965

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1965  
Leu Leu Trp Phe His Ile Ser Cys Leu Thr Phe  
1 5 10

<210> 1966  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1966  
Leu Pro Ile Phe Phe Cys Leu Trp Val Tyr Ile  
1 5 10

<210> 1967  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1967  
Leu Pro Ile His Thr Ala Glu Leu Leu Ala Ala  
1 5 10

<210> 1968  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1968  
Leu Pro Leu Asp Lys Gly Ile Lys Pro Tyr Tyr  
1 5 10

<210> 1969  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1969  
Leu Pro Val Asn Arg Pro Ile Asp Trp Lys Val  
1 5 10

<210> 1970  
<211> 11  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1970

Leu Gln Ala Gly Phe Phe Leu Leu Thr Arg Ile  
1 5 10

<210> 1971

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1971

Leu Val Pro Phe Val Gln Trp Phe Val Gly Leu  
1 5 10

<210> 1972

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1972

Met Pro His Leu Leu Val Gly Ser Ser Gly Leu  
1 5 10

<210> 1973

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1973

Met Pro Leu Ser Tyr Gln His Phe Arg Lys Leu  
1 5 10

<210> 1974

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1974

Asn Leu Gly Asn Leu Asn Val Ser Ile Pro Trp  
1 5 10

<210> 1975  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1975  
Asn Leu Ser Trp Leu Ser Leu Asp Val Ser Ala  
1 5 10

<210> 1976  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1976  
Asn Pro Ala Asp Asp Pro Ser Arg Gly Arg Leu  
1 5 10

<210> 1977  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1977  
Asn Pro Leu Gly Phe Phe Pro Asp His Gln Leu  
1 5 10

<210> 1978  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1978  
Pro Ile Asp Trp Lys Val Cys Gln Arg Ile Val  
1 5 10

<210> 1979  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide



<400> 1979  
Pro Ile Ile Leu Gly Phe Arg Lys Ile Pro Met  
1 5 10

<210> 1980  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1980  
Pro Ile Leu Ser Thr Leu Pro Glu Thr Thr Val  
1 5 10

<210> 1981  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1981  
Pro Leu His Pro Ala Ala Met Pro His Leu Leu  
1 5 10

<210> 1982  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1982  
Pro Leu Leu Pro Ile Phe Phe Cys Leu Trp Val  
1 5 10

<210> 1983  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1983  
Pro Leu Leu Val Leu Gln Ala Gly Phe Phe Leu  
1 5 10

<210> 1984  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1984  
Pro Leu Pro Ile His Thr Ala Glu Leu Leu Ala  
1 5 10

<210> 1985  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1985  
Pro Leu Ser Tyr Gln His Phe Arg Lys Leu Leu  
1 5 10

<210> 1986  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1986  
Pro Met Gly Val Gly Leu Ser Pro Phe Leu Leu  
1 5 10

<210> 1987  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1987  
Pro Pro Ala Tyr Arg Pro Pro Asn Ala Pro Ile  
1 5 10

, <210> 1988  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1988  
Pro Gln Ala Met Gln Trp Asn Ser Thr Thr Phe  
1 5 10

<210> 1989  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1989  
Pro Gln Ser Leu Asp Ser Trp Trp Thr Ser Leu  
1 5 10

<210> 1990  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1990  
Gln Leu Asp Pro Ala Arg Asp Val Leu Cys Leu  
1 5 10

<210> 1991  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1991  
Gln Val Phe Ala Asp Ala Thr Pro Thr Gly Trp  
1 5 10

<210> 1992  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1992  
Arg Leu Lys Leu Ile Met Pro Ala Arg Phe Tyr  
1 5 10

<210> 1993  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1993

Arg Pro Ile Asp Trp Lys Val Cys Gln Arg Ile  
1 5 10

<210> 1994  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1994  
Arg Pro Pro Asn Ala Pro Ile Leu Ser Thr Leu  
1 5 10

<210> 1995  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1995  
Arg Gln Ala Ile Leu Cys Trp Gly Glu Leu Met  
1 5 10

<210> 1996  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1996  
Arg Gln Leu Leu Trp Phe His Ile Ser Cys Leu  
1 5 10

<210> 1997  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1997  
Arg Val Ala Glu Asp Leu Asn Leu Gly Asn Leu  
1 5 10

<210> 1998  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1998  
Arg Val His Phe Ala Ser Pro Leu His Val Ala  
1 5 10  
  
<210> 1999  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1999  
Ser Ile Pro Trp Thr His Lys Val Gly Asn Phe  
1 5 10  
  
<210> 2000  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2000  
Ser Leu Asp Ser Trp Trp Thr Ser Leu Asn Phe  
1 5 10  
  
<210> 2001  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2001  
Ser Leu Leu Val Pro Phe Val Gln Trp Phe Val  
1 5 10  
  
<210> 2002  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2002  
Ser Pro Glu His Cys Ser Pro His His Thr Ala  
1 5 10  
  
<210> 2003

<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2003  
Ser Pro Phe Leu Leu Ala Gln Phe Thr Ser Ala  
1 5 10

<210> 2004  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2004  
Ser Pro His His Thr Ala Leu Arg Gln Ala Ile  
1 5 10

<210> 2005  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2005  
Ser Pro Thr Val Trp Leu Ser Val Ile Trp Met  
1 5 10

<210> 2006  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2006  
Ser Val Arg Phe Ser Trp Leu Ser Leu Leu Val  
1 5 10

<210> 2007  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2007  
Ser Val Val Leu Ser Arg Lys Tyr Thr Ser Phe

1 5 10

<210> 2008  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2008  
Ser Val Val Arg Arg Ala Phe Pro His Cys Leu  
1 5 10

<210> 2009  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2009  
Thr Pro Ala Arg Val Thr Gly Gly Val Phe Leu  
1 5 10

<210> 2010  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2010  
Thr Gln Cys Gly Tyr Pro Ala Leu Met Pro Leu  
1 5 10

<210> 2011  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2011  
Thr Val Gln Ala Ser Lys Leu Cys Leu Gly Trp  
1 5 10

<210> 2012  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2012

Val Leu Leu Asp Tyr Gln Gly Met Leu Pro Val  
1 5 10

<210> 2013

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2013

Val Leu Ser Arg Lys Tyr Thr Ser Phe Pro Trp  
1 5 10

<210> 2014

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2014

Val Pro Asn Leu Gln Ser Leu Thr Asn Leu Leu  
1 5 10

<210> 2015

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2015

Val Gln Ala Ser Lys Leu Cys Leu Gly Trp Leu  
1 5 10

<210> 2016

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2016

Val Gln Trp Phe Val Gly Leu Ser Pro Thr Val  
1 5 10

<210> 2017

<211> 11



<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2017  
Val Val Leu Gly Ala Lys Ser Val Gln His Leu  
1 5 10

<210> 2018  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2018  
Val Val Arg Arg Ala Phe Pro His Cys Leu Ala  
1 5 10

<210> 2019  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2019  
Trp Ile Leu Arg Gly Thr Ser Phe Val Tyr Val  
1 5 10

<210> 2020  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2020  
Trp Leu Leu Gly Cys Ala Ala Asn Trp Ile Leu  
1 5 10

<210> 2021  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2021  
Trp Leu Ser Leu Asp Val Ser Ala Ala Phe Tyr  
1 5 10

<210> 2022  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2022  
Trp Leu Ser Leu Leu Val Pro Phe Val Gln Trp  
1 5 10

<210> 2023  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2023  
Trp Met Cys Leu Arg Arg Phe Ile Ile Phe Leu  
1 5 10

<210> 2024  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2024  
Trp Met Met Trp Tyr Trp Gly Pro Ser Leu Tyr  
1 5 10

<210> 2025  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2025  
Tyr Leu His Thr Leu Trp Lys Ala Gly Ile Leu  
1 5 10

<210> 2026  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2026

Tyr Leu Pro Leu Asp Lys Gly Ile Lys Pro Tyr  
1 5 10

<210> 2027

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2027

Tyr Pro Ala Leu Met Pro Leu Tyr Ala Cys Ile  
1 5 10

<210> 2028

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2028

Ala Ser Phe Cys Gly Ser Pro Tyr  
1 5

<210> 2029

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2029

Asp Asn Ser Val Val Leu Ser Arg Lys Tyr  
1 5 10

<210> 2030

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2030

Phe Ala Ala Pro Phe Thr Gln Cys Gly Tyr  
1 5 10

<210> 2031

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2031

Gly Phe Ala Ala Pro Phe Thr Gln Cys Gly Tyr  
1 5 10

<210> 2032

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2032

Gly Arg Glu Thr Val Leu Glu Tyr  
1 5

<210> 2033

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2033

Gly Tyr Ser Leu Asn Phe Met Gly Tyr  
1 5

<210> 2034

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2034

His Thr Leu Trp Lys Ala Gly Ile Leu Tyr  
1 5 10

<210> 2035

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2035

Lys Gln Ala Phe Thr Phe Ser Pro Thr Tyr  
1 5 10

<210> 2036  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2036  
Leu Leu Asp Thr Ala Ser Ala Leu Tyr  
1 5

<210> 2037  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2037  
Leu Ser Leu Asp Val Ser Ala Ala Phe Tyr  
1 5 10

<210> 2038  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2038  
Leu Thr Phe Gly Arg Glu Thr Val Leu Glu Tyr  
1 5 10

<210> 2039  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2039  
Met Met Trp Tyr Trp Gly Pro Ser Leu Tyr  
1 5 10

<210> 2040  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2040  
Met Ser Thr Thr Asp Leu Glu Ala Tyr  
1 5

<210> 2041  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2041  
Asn Ser Val Val Leu Ser Arg Lys Tyr  
1 5

<210> 2042  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2042  
Pro Leu Asp Lys Gly Ile Lys Pro Tyr  
1 5

<210> 2043  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2043  
Pro Leu Asp Lys Gly Ile Lys Pro Tyr Tyr  
1 5 10

<210> 2044  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2044  
Pro Thr Thr Gly Arg Thr Ser Leu Tyr  
1 5

<210> 2045  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2045  
Ser Ala Ser Phe Cys Gly Ser Pro Tyr  
1 5

<210> 2046  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2046  
Ser Leu Asp Val Ser Ala Ala Phe Tyr  
1 5

<210> 2047  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2047  
Ser Thr Thr Asp Leu Glu Ala Tyr  
1 5

<210> 2048  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2048  
Thr Thr Gly Arg Thr Ser Leu Tyr  
1 5

<210> 2049  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2049  
Trp Leu Ser Leu Asp Val Ser Ala Ala Phe Tyr  
1 5 10

<210> 2050  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2050  
Trp Met Met Trp Tyr Trp Gly Pro Ser Leu Tyr  
1 5 10

<210> 2051  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2051  
Tyr Pro Ala Leu Met Pro Leu Tyr  
1 5

<210> 2052  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2052  
Tyr Ser Leu Asn Phe Met Gly Tyr  
1 5

<210> 2053  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2053  
Ala Ala Cys Phe Ala Arg Ser Arg  
1 5

<210> 2054  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2054



Ala Ala Cys Phe Ala Arg Ser Arg Ser Gly Ala  
1 5 10

<210> 2055  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2055  
Ala Ala Pro Phe Thr Gln Cys Gly Tyr  
1 5

<210> 2056  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2056  
Ala Ala Pro Phe Thr Gln Cys Gly Tyr Pro Ala  
1 5 10

<210> 2057  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2057  
Ala Cys Phe Ala Arg Ser Arg Ser Gly Ala  
1 5 10

<210> 2058  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2058  
Ala Asp Ala Thr Pro Thr Gly Trp Gly Leu Ala  
1 5 10

<210> 2059  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2059  
Ala Asp Asp Pro Ser Arg Gly Arg  
1 5

<210> 2060  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2060  
Ala Phe Pro His Cys Leu Ala Phe  
1 5

<210> 2061  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2061  
Ala Phe Pro His Cys Leu Ala Phe Ser Tyr  
1 5 10

<210> 2062  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2062  
Ala Phe Ser Ser Ala Gly Pro Cys Ala  
1 5

<210> 2063  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2063  
Ala Phe Ser Ser Ala Gly Pro Cys Ala Leu Arg  
1 5 10

<210> 2064

<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2064  
Ala Phe Thr Phe Ser Pro Thr Tyr  
1 5

<210> 2065  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2065  
Ala Phe Thr Phe Ser Pro Thr Tyr Lys  
1 5

<210> 2066  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2066  
Ala Phe Thr Phe Ser Pro Thr Tyr Lys Ala  
1 5 10

<210> 2067  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2067  
Ala Phe Thr Phe Ser Pro Thr Tyr Lys Ala Phe  
1 5 10

<210> 2068  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2068  
Ala Gly Phe Phe Leu Leu Thr Arg

1

5

<210> 2069

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2069

Ala Gly Pro Cys Ala Leu Arg Phe

1

5

<210> 2070

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2070

Ala Gly Pro Cys Ala Leu Arg Phe Thr Ser Ala

1

5

10

<210> 2071

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2071

Ala Gly Pro Leu Glu Glu Glu Leu Pro Arg

1

5

10

<210> 2072

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2072

Ala Ile Cys Ser Val Val Arg Arg

1

5

<210> 2073

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2073

Ala Ile Cys Ser Val Val Arg Arg Ala  
1 5

<210> 2074

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2074

Ala Ile Cys Ser Val Val Arg Arg Ala Phe  
1 5 10

<210> 2075

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2075

Ala Leu Glu Ser Pro Glu His Cys Ser Pro His  
1 5 10

<210> 2076

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2076

Ala Leu Asn Pro Ala Asp Asp Pro Ser Arg  
1 5 10

<210> 2077

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2077

Ala Leu Arg Phe Thr Ser Ala Arg  
1 5

<210> 2078

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2078  
Ala Met Gln Trp Asn Ser Thr Thr Phe  
1 5

<210> 2079  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2079  
Ala Met Gln Trp Asn Ser Thr Thr Phe His  
1 5 10

<210> 2080  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2080  
Ala Met Ser Ile Thr Asp Leu Glu Ala  
1 5

<210> 2081  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2081  
Ala Ser Ala Leu Tyr Arg Glu Ala  
1 5

<210> 2082  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2082  
Ala Ser Phe Cys Gly Ser Pro Tyr  
1 5

<210> 2083  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2083  
Ala Ser Pro Leu His Val Ala Trp Arg  
1 5

<210> 2084  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2084  
Ala Ser Thr Asn Arg Gln Ser Gly Arg  
1 5

<210> 2085  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2085  
Ala Thr Pro Thr Gly Trp Gly Leu Ala  
1 5

<210> 2086  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2086  
Cys Ala Ala Asn Trp Ile Leu Arg  
1 5

<210> 2087  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2087  
Cys Ala Phe Ser Ser Ala Gly Pro Cys Ala  
1 5 10

<210> 2088  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2088  
Cys Ala Leu Arg Phe Thr Ser Ala  
1 5

<210> 2089  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2089  
Cys Ala Leu Arg Phe Thr Ser Ala Arg  
1 5

<210> 2090  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2090  
Cys Cys Gln Leu Asp Pro Ala Arg  
1 5

<210> 2091  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2091  
Cys Phe Ala Arg Ser Arg Ser Gly Ala  
1 5

<210> 2092  
<211> 9  
<212> PRT



<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2092

Cys Phe Arg Lys Leu Pro Val Asn Arg  
1 5

<210> 2093

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2093

Cys Gly Tyr Pro Ala Leu Met Pro Leu Tyr  
1 5 10

<210> 2094

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2094

Cys Gly Tyr Pro Ala Leu Met Pro Leu Tyr Ala  
1 5 10

<210> 2095

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2095

Cys Ile Pro Ile Pro Ser Ser Trp Ala  
1 5

<210> 2096

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2096

Cys Ile Pro Ile Pro Ser Ser Trp Ala Phe  
1 5 10

<210> 2097  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2097  
Cys Ile Pro Ile Pro Ser Ser Trp Ala Phe Ala  
1 5 10

<210> 2098  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2098  
Cys Leu Ile Phe Leu Leu Val Leu Leu Asp Tyr  
1 5 10

<210> 2099  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2099  
Cys Leu Arg Pro Val Gly Ala Glu Ser Arg  
1 5 10

<210> 2100  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2100  
Cys Leu Arg Arg Phe Ile Ile Phe  
1 5

<210> 2101  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2101  
Cys Leu Arg Arg Phe Ile Ile Phe Leu Phe  
1 5 10

<210> 2102  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2102  
Cys Ser Pro His His Thr Ala Leu Arg  
1 5

<210> 2103  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2103  
Cys Ser Pro His His Thr Ala Leu Arg Gln Ala  
1 5 10

<210> 2104  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2104  
Cys Ser Val Val Arg Arg Ala Phe  
1 5

<210> 2105  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2105  
Cys Ser Val Val Arg Arg Ala Phe Pro His  
1 5 10

<210> 2106  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2106

Cys Thr Cys Ile Pro Ile Pro Ser Ser Trp Ala  
1 5 10

<210> 2107

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2107

Asp Ala Thr Pro Thr Gly Trp Gly Leu Ala  
1 5 10

<210> 2108

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2108

Asp Asp Val Val Leu Gly Ala Lys  
1 5

<210> 2109

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2109

Asp Ile Asp Pro Tyr Lys Glu Phe  
1 5

<210> 2110

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2110

Asp Ile Asp Pro Tyr Lys Glu Phe Gly Ala  
1 5 10

<210> 2111  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2111  
Asp Leu Leu Asp Thr Ala Ser Ala  
1 5

<210> 2112  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2112  
Asp Leu Leu Asp Thr Ala Ser Ala Leu Tyr  
1 5 10

<210> 2113  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2113  
Asp Leu Leu Asp Thr Ala Ser Ala Leu Tyr Arg  
1 5 10

<210> 2114  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2114  
Asp Ser Trp Trp Thr Ser Leu Asn Phe  
1 5

<210> 2115  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2115

Asp Thr Ala Ser Ala Leu Tyr Arg  
1 5

<210> 2116  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2116  
Asp Thr Ala Ser Ala Leu Tyr Arg Glu Ala  
1 5 10

<210> 2117  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2117  
Asp Val Leu Cys Leu Arg Pro Val Gly Ala  
1 5 10

<210> 2118  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2118  
Asp Val Ser Ala Ala Phe Tyr His  
1 5

<210> 2119  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2119  
Asp Val Val Leu Gly Ala Lys Ser Val Gln His  
1 5 10

<210> 2120  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2120

Glu Ala Gly Pro Leu Glu Glu Glu Leu Pro Arg  
1 5 10

<210> 2121

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2121

Glu Ala Leu Glu Ser Pro Glu His  
1 5

<210> 2122

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2122

Glu Leu Leu Ala Ala Cys Phe Ala  
1 5

<210> 2123

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2123

Glu Leu Leu Ala Ala Cys Phe Ala Arg  
1 5

<210> 2124

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2124

Glu Leu Leu Ala Ala Cys Phe Ala Arg Ser Arg  
1 5 10

<210> 2125

<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2125  
Glu Leu Leu Ser Phe Leu Pro Ser Asp Phe  
1 5 10

<210> 2126  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2126  
Glu Leu Leu Ser Phe Leu Pro Ser Asp Phe Phe  
1 5 10

<210> 2127  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2127  
Glu Ser Pro Glu His Cys Ser Pro His  
1 5

<210> 2128  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2128  
Glu Ser Pro Glu His Cys Ser Pro His His  
1 5 10

<210> 2129  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2129  
Glu Ser Arg Leu Val Val Asp Phe



1

5

<210> 2130

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2130

Glu Ser Arg Leu Val Val Asp Phe Ser Gln Phe

1

5

10

<210> 2131

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2131

Glu Thr Thr Val Val Arg Arg Arg

1

5

<210> 2132

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2132

Glu Thr Thr Val Val Arg Arg Arg Gly Arg

1

5

10

<210> 2133

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2133

Phe Ala Ala Pro Phe Thr Gln Cys Gly Tyr

1

5

10

<210> 2134

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2134

Phe Ala Arg Ser Arg Ser Gly Ala  
1 5

<210> 2135

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2135

Phe Ala Ser Pro Leu His Val Ala  
1 5

<210> 2136

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2136

Phe Ala Ser Pro Leu His Val Ala Trp Arg  
1 5 10

<210> 2137

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2137

Phe Phe Pro Asp His Gln Leu Asp Pro Ala  
1 5 10

<210> 2138

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2138

Phe Phe Pro Asp His Gln Leu Asp Pro Ala Phe  
1 5 10

<210> 2139

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2139  
Phe Gly Arg Glu Thr Val Leu Glu Tyr  
1 5

<210> 2140  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2140  
Phe Gly Val Glu Pro Ser Gly Ser Gly His  
1 5 10

<210> 2141  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2141  
Phe Gly Val Trp Ile Arg Thr Pro Pro Ala  
1 5 10

<210> 2142  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2142  
Phe Gly Val Trp Ile Arg Thr Pro Pro Ala Tyr  
1 5 10

<210> 2143  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2143  
Phe Ile Leu Leu Leu Cys Leu Ile Phe  
1 5

<210> 2144  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2144  
Phe Leu Phe Ile Leu Leu Leu Cys Leu Ile Phe  
1 5 10

<210> 2145  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2145  
Phe Leu Gly Pro Leu Leu Val Leu Gln Ala  
1 5 10

<210> 2146  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2146  
Phe Leu Leu Ala Gln Phe Thr Ser Ala  
1 5

<210> 2147  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2147  
Phe Leu Leu Ser Leu Gly Ile His  
1 5

<210> 2148  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2148  
Phe Leu Leu Val Leu Leu Asp Tyr  
1 5

<210> 2149  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2149  
Phe Leu Val Asp Lys Asn Pro His  
1 5

<210> 2150  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2150  
Phe Ser Pro Thr Tyr Lys Ala Phe  
1 5

<210> 2151  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2151  
Phe Ser Ser Ala Gly Pro Cys Ala  
1 5

<210> 2152  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2152  
Phe Ser Ser Ala Gly Pro Cys Ala Leu Arg  
1 5 10

<210> 2153  
<211> 11  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2153

Phe Ser Ser Ala Gly Pro Cys Ala Leu Arg Phe  
1 5 10

<210> 2154

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2154

Phe Ser Trp Leu Ser Leu Leu Val Pro Phe  
1 5 10

<210> 2155

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2155

Phe Ser Tyr Met Asp Asp Val Val Leu Gly Ala  
1 5 10

<210> 2156

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2156

Phe Thr Phe Ser Pro Thr Tyr Lys  
1 5

<210> 2157

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2157

Phe Thr Phe Ser Pro Thr Tyr Lys Ala  
1 5

<210> 2158  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2158  
Phe Thr Phe Ser Pro Thr Tyr Lys Ala Phe  
1 5 10

<210> 2159  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2159  
Phe Thr Gln Cys Gly Tyr Pro Ala  
1 5

<210> 2160  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2160  
Phe Thr Ser Ala Ile Cys Ser Val Val Arg  
1 5 10

<210> 2161  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2161  
Phe Thr Ser Ala Ile Cys Ser Val Val Arg Arg  
1 5 10

<210> 2162  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2162  
Phe Val Leu Gly Gly Cys Arg His  
1 5

<210> 2163  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2163  
Phe Val Leu Gly Gly Cys Arg His Lys  
1 5

<210> 2164  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2164  
Phe Val Tyr Val Pro Ser Ala Leu Asn Pro Ala  
1 5 10

<210> 2165  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2165  
Gly Cys Ala Ala Asn Trp Ile Leu Arg  
1 5

<210> 2166  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2166  
Gly Phe Ala Ala Pro Phe Thr Gln Cys Gly Tyr  
1 5 10

<210> 2167  
<211> 11  
<212> PRT  
<213> Artificial Sequence



<220>

<223> Artificially Synthesized Peptide

<400> 2167

Gly Phe Phe Pro Asp His Gln Leu Asp Pro Ala  
1 5 10

<210> 2168

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2168

Gly Phe Leu Gly Pro Leu Leu Val Leu Gln Ala  
1 5 10

<210> 2169

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2169

Gly Gly Leu Leu Gly Trp Ser Pro Gln Ala  
1 5 10

<210> 2170

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2170

Gly Gly Val Phe Leu Val Asp Lys  
1 5

<210> 2171

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2171

Gly Gly Val Phe Leu Val Asp Lys Asn Pro His  
1 5 10

<210> 2172  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2172  
Gly Ile His Leu Asn Pro Asn Lys  
1 5

<210> 2173  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2173  
Gly Ile His Leu Asn Pro Asn Lys Thr Lys  
1 5 10

<210> 2174  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2174  
Gly Ile His Leu Asn Pro Asn Lys Thr Lys Arg  
1 5 10

<210> 2175  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2175  
Gly Leu Cys Gln Val Phe Ala Asp Ala  
1 5

<210> 2176  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2176

Gly Leu Leu Gly Phe Ala Ala Pro Phe  
1 5

<210> 2177  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2177  
Gly Leu Leu Gly Trp Ser Pro Gln Ala  
1 5

<210> 2178  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2178  
Gly Leu Pro Val Cys Ala Phe Ser Ser Ala  
1 5 10

<210> 2179  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2179  
Gly Leu Ser Pro Phe Leu Leu Ala  
1 5

<210> 2180  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2180  
Gly Leu Ser Pro Phe Leu Leu Ala Gln Phe  
1 5 10

<210> 2181  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2181  
Gly Met Asp Ile Asp Pro Tyr Lys  
1 5

<210> 2182  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2182  
Gly Met Asp Ile Asp Pro Tyr Lys Glu Phe  
1 5 10

<210> 2183  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2183  
Gly Thr Asp Asn Ser Val Val Leu Ser Arg  
1 5 10

<210> 2184  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2184  
Gly Thr Asp Asn Ser Val Val Leu Ser Arg Lys  
1 5 10

<210> 2185  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2185  
Gly Thr Ser Phe Val Tyr Val Pro Ser Ala  
1 5 10

<210> 2186

<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2186  
Gly Val Glu Pro Ser Gly Ser Gly His  
1 5

<210> 2187  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2187  
Gly Val Phe Leu Val Asp Lys Asn Pro His  
1 5 10

<210> 2188  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2188  
Gly Val Gly Leu Ser Pro Phe Leu Leu Ala  
1 5 10

<210> 2189  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2189  
Gly Val Trp Ile Arg Thr Pro Pro Ala  
1 5

<210> 2190  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2190  
Gly Val Trp Ile Arg Thr Pro Pro Ala Tyr

1	5	10
---	---	----

<210> 2191  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2191  
Gly Val Trp Ile Arg Thr Pro Pro Ala Tyr Arg  
1 5 10

<210> 2192  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2192  
His Cys Ser Pro His His Thr Ala  
1 5

<210> 2193  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2193  
His Cys Ser Pro His His Thr Ala Leu Arg  
1 5 10

<210> 2194  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2194  
His Phe Ala Ser Pro Leu His Val Ala  
1 5

<210> 2195  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2195

His Phe Ala Ser Pro Leu His Val Ala Trp Arg  
1 5 10

<210> 2196

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2196

His Gly Ala His Leu Ser Leu Arg  
1 5

<210> 2197

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2197

His Gly Gly Leu Leu Gly Trp Ser Pro Gln Ala  
1 5 10

<210> 2198

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2198

His Ile Ser Cys Leu Thr Phe Gly Arg  
1 5

<210> 2199

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2199

His Leu Asn Pro Asn Lys Thr Lys  
1 5

<210> 2200

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2200  
His Leu Asn Pro Asn Lys Thr Lys Arg  
1 5

<210> 2201  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2201  
His Leu Ser Leu Arg Gly Leu Pro Val Cys Ala  
1 5 10

<210> 2202  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2202  
His Leu Tyr Ser His Pro Ile Ile Leu Gly Phe  
1 5 10

<210> 2203  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2203  
His Thr Ala Glu Leu Leu Ala Ala  
1 5

<210> 2204  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2204  
His Thr Ala Glu Leu Leu Ala Ala Cys Phe  
1 5 10



<210> 2205  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2205  
His Thr Ala Glu Leu Leu Ala Ala Cys Phe Ala  
1 5 10

<210> 2206  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2206  
His Thr Leu Trp Lys Ala Gly Ile Leu Tyr  
1 5 10

<210> 2207  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2207  
His Thr Leu Trp Lys Ala Gly Ile Leu Tyr Lys  
1 5 10

<210> 2208  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2208  
Ile Cys Ser Val Val Arg Arg Ala  
1 5

<210> 2209  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2209

Ile Cys Ser Val Val Arg Arg Ala Phe  
1 5

<210> 2210

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2210

Ile Cys Ser Val Val Arg Arg Ala Phe Pro His  
1 5 10

<210> 2211

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2211

Ile Asp Pro Tyr Lys Glu Phe Gly Ala  
1 5

<210> 2212

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2212

Ile Asp Trp Lys Val Cys Gln Arg  
1 5

<210> 2213

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2213

Ile Phe Phe Cys Leu Trp Val Tyr  
1 5

<210> 2214

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2214

Ile Phe Leu Leu Val Leu Leu Asp Tyr  
1 5

<210> 2215

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2215

Ile Gly Thr Asp Asn Ser Val Val Leu Ser Arg  
1 5 10

<210> 2216

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2216

Ile Leu Leu Leu Cys Leu Ile Phe  
1 5

<210> 2217

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2217

Ile Leu Arg Gly Thr Ser Phe Val Tyr  
1 5

<210> 2218

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2218

Ile Ser Cys Leu Thr Phe Gly Arg  
1 5

<210> 2219  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2219  
Ile Val Gly Leu Leu Gly Phe Ala  
1 5

<210> 2220  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2220  
Ile Val Gly Leu Leu Gly Phe Ala Ala  
1 5

<210> 2221  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2221  
Ile Val Gly Leu Leu Gly Phe Ala Ala Pro Phe  
1 5 10

<210> 2222  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2222  
Lys Ala Gly Ile Leu Tyr Lys Arg  
1 5

<210> 2223  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2223  
Lys Ile Pro Met Gly Val Gly Leu Ser Pro Phe  
1 5 10

<210> 2224  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2224  
Lys Leu Ile Met Pro Ala Arg Phe  
1 5

<210> 2225  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2225  
Lys Leu Ile Met Pro Ala Arg Phe Tyr  
1 5

<210> 2226  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2226  
Lys Leu Pro Val Asn Arg Pro Ile Asp Trp Lys  
1 5 10

<210> 2227  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2227  
Lys Thr Lys Arg Trp Gly Tyr Ser Leu Asn Phe  
1 5 10

<210> 2228  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2228  
Lys Val Phe Val Leu Gly Gly Cys Arg  
1 5

<210> 2229  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2229  
Lys Val Phe Val Leu Gly Gly Cys Arg His  
1 5 10

<210> 2230  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2230  
Lys Val Gly Asn Phe Thr Gly Leu Tyr  
1 5

<210> 2231  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2231  
Leu Ala Ala Cys Phe Ala Arg Ser Arg  
1 5

<210> 2232  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2232  
Leu Cys Leu Arg Pro Val Gly Ala  
1 5

<210> 2233  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2233  
Leu Cys Leu Arg Pro Val Gly Ala Glu Ser Arg  
1 5 10

<210> 2234  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2234  
Leu Cys Gln Val Phe Ala Asp Ala  
1 5

<210> 2235  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2235  
Leu Asp Lys Gly Ile Lys Pro Tyr  
1 5

<210> 2236  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2236  
Leu Asp Lys Gly Ile Lys Pro Tyr Tyr  
1 5

<210> 2237  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2237

Leu Asp Pro Ala Arg Asp Val Leu Cys Leu Arg  
1 5 10

<210> 2238  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2238  
Leu Asp Ser Trp Trp Thr Ser Leu Asn Phe  
1 5 10

<210> 2239  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2239  
Leu Asp Thr Ala Ser Ala Leu Tyr  
1 5

<210> 2240  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2240  
Leu Asp Thr Ala Ser Ala Leu Tyr Arg  
1 5

<210> 2241  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2241  
Leu Asp Thr Ala Ser Ala Leu Tyr Arg Glu Ala  
1 5 10

<210> 2242  
<211> 8  
<212> PRT  
<213> Artificial Sequence



<220>  
<223> Artificially Synthesized Peptide

<400> 2242  
Leu Asp Val Ser Ala Ala Phe Tyr  
1 5

<210> 2243  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2243  
Leu Asp Val Ser Ala Ala Phe Tyr His  
1 5

<210> 2244  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2244  
Leu Phe Ile Leu Leu Leu Cys Leu Ile Phe  
1 5 10

<210> 2245  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2245  
Leu Gly Ala Lys Ser Val Gln His  
1 5

<210> 2246  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2246  
Leu Gly Cys Ala Ala Asn Trp Ile Leu Arg  
1 5 10

<210> 2247

<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2247  
Leu Gly Ile His Leu Asn Pro Asn Lys  
1 5

<210> 2248  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2248  
Leu Gly Ile His Leu Asn Pro Asn Lys Thr Lys  
1 5 10

<210> 2249  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2249  
Leu Gly Pro Leu Leu Val Leu Gln Ala  
1 5

<210> 2250  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2250  
Leu Gly Pro Leu Leu Val Leu Gln Ala Gly Phe  
1 5 10

<210> 2251  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2251  
Leu Ile Phe Leu Leu Val Leu Leu Asp Tyr

1	5	10
<210> 2252		
<211> 8		
<212> PRT		
<213> Artificial Sequence		
<220>		
<223> Artificially Synthesized Peptide		
<400> 2252		
Leu Ile Met Pro Ala Arg Phe Tyr		
1	5	
<210> 2253		
<211> 8		
<212> PRT		
<213> Artificial Sequence		
<220>		
<223> Artificially Synthesized Peptide		
<400> 2253		
Leu Leu Ala Ala Cys Phe Ala Arg		
1	5	
<210> 2254		
<211> 10		
<212> PRT		
<213> Artificial Sequence		
<220>		
<223> Artificially Synthesized Peptide		
<400> 2254		
Leu Leu Ala Ala Cys Phe Ala Arg Ser Arg		
1	5	10
<210> 2255		
<211> 8		
<212> PRT		
<213> Artificial Sequence		
<220>		
<223> Artificially Synthesized Peptide		
<400> 2255		
Leu Leu Ala Gln Phe Thr Ser Ala		
1	5	
<210> 2256		
<211> 9		
<212> PRT		
<213> Artificial Sequence		
<220>		

<223> Artificially Synthesized Peptide

<400> 2256

Leu Leu Asp Thr Ala Ser Ala Leu Tyr  
1 5

<210> 2257

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2257

Leu Leu Asp Thr Ala Ser Ala Leu Tyr Arg  
1 5 10

<210> 2258

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2258

Leu Leu Gly Cys Ala Ala Asn Trp Ile Leu Arg  
1 5 10

<210> 2259

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2259

Leu Leu Gly Phe Ala Ala Pro Phe  
1 5

<210> 2260

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2260

Leu Leu Gly Trp Ser Pro Gln Ala  
1 5

<210> 2261

<211> 11

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2261  
Leu Leu Pro Ile Phe Phe Cys Leu Trp Val Tyr  
1 5 10

<210> 2262  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2262  
Leu Leu Ser Phe Leu Pro Ser Asp Phe  
1 5

<210> 2263  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2263  
Leu Leu Ser Phe Leu Pro Ser Asp Phe Phe  
1 5 10

<210> 2264  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2264  
Leu Leu Val Leu Gln Ala Gly Phe  
1 5

<210> 2265  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2265  
Leu Leu Val Leu Gln Ala Gly Phe Phe  
1 5

<210> 2266  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2266  
Leu Leu Val Pro Phe Val Gln Trp Phe  
1 5

<210> 2267  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2267  
Leu Leu Trp Phe His Ile Ser Cys Leu Thr Phe  
1 5 10

<210> 2268  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2268  
Leu Ser Phe Leu Pro Ser Asp Phe  
1 5

<210> 2269  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2269  
Leu Ser Phe Leu Pro Ser Asp Phe Phe  
1 5

<210> 2270  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2270

Leu Ser Leu Asp Val Ser Ala Ala

1 5

<210> 2271

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2271

Leu Ser Leu Asp Val Ser Ala Ala Phe

1 5

<210> 2272

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2272

Leu Ser Leu Asp Val Ser Ala Ala Phe Tyr

1 5 10

<210> 2273

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2273

Leu Ser Leu Asp Val Ser Ala Ala Phe Tyr Ile Ile

1 5 10

<210> 2274

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2274

Leu Ser Leu Gly Ile His Leu Asn Pro Asn Lys

1 5 10

<210> 2275

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2275

Leu	Ser	Leu	Leu	Val	Pro	Phe	Val	Gln	Trp	Phe
1				5					10	

<210> 2276

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2276

Leu	Ser	Leu	Arg	Gly	Leu	Pro	Val	Cys	Ala
1				5					10

<210> 2277

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2277

Leu	Ser	Leu	Arg	Gly	Leu	Pro	Val	Cys	Ala	Phe
1				5					10	

<210> 2278

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2278

Leu	Ser	Pro	Phe	Leu	Leu	Ala	Gln	Phe
1				5				

<210> 2279

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2279

Leu	Ser	Arg	Lys	Tyr	Thr	Ser	Phe
1				5			



<210> 2280  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2280  
Leu Ser Thr Leu Pro Glu Thr Thr Val Val Arg  
1 5 10

<210> 2281  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2281  
Leu Ser Val Pro Asn Pro Leu Gly Phe  
1 5

<210> 2282  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2282  
Leu Ser Trp Leu Ser Leu Asp Val Ser Ala  
1 5 10

<210> 2283  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2283  
Leu Ser Trp Leu Ser Leu Asp Val Ser Ala Ala  
1 5 10

<210> 2284  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2284

Leu Ser Tyr Gln Ile Ile Phe Arg Lys  
1 5

<210> 2285

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2285

Leu Thr Phe Gly Arg Glu Thr Val Leu Glu Tyr  
1 5 10

<210> 2286

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2286

Leu Thr Val Asn Glu Lys Arg Arg  
1 5

<210> 2287

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2287

Leu Val Leu Gln Ala Gly Phe Phe  
1 5

<210> 2288

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2288

Leu Val Pro Phe Val Gln Trp Phe  
1 5

<210> 2289

<211> 9

<212> PRT

<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2289  
Leu Val Ser Phe Gly Val Trp Ile Arg  
1 5

<210> 2290  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2290  
Leu Trp Asp Phe Ser Gln Phe  
1 5

<210> 2291  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2291  
Leu Trp Asp Phe Ser Gln Phe Ser Arg  
1 5

<210> 2292  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2292  
Met Cys Leu Arg Arg Phe Ile Ile Phe  
1 5

<210> 2293  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2293  
Met Cys Leu Arg Arg Phe Ile Ile Phe Leu Phe  
1 5 10

<210> 2294  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2294  
Met Asp Asp Trp Leu Gly Ala  
1 5

<210> 2295  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2295  
Met Asp Asp Trp Leu Gly Ala Lys  
1 5

<210> 2296  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2296  
Met Asp Ile Asp Pro Tyr Lys Glu Phe  
1 5

<210> 2297  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2297  
Met Asp Ile Asp Pro Tyr Lys Glu Phe Gly Ala  
1 5 10

<210> 2298  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2298

Met Gly Val Gly Leu Ser Pro Phe  
1 5

<210> 2299  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2299  
Met Gly Val Gly Leu Ser Pro Phe Leu Leu Ala  
1 5 10

<210> 2300  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2300  
Met Met Trp Tyr Trp Gly Pro Ser Leu Tyr  
1 5 10

<210> 2301  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2301  
Met Ser Thr Thr Asp Leu Glu Ala  
1 5

<210> 2302  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2302  
Met Ser Thr Thr Asp Leu Glu Ala Tyr  
1 5

<210> 2303  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2303

Met Ser Thr Thr Asp Leu Glu Ala Tyr Phe  
1 5 10

<210> 2304

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2304

Met Ser Thr Thr Asp Leu Glu Ala Tyr Phe Lys  
1 5 10

<210> 2305

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2305

Asn Phe Leu Leu Ser Leu Gly Ile His  
1 5

<210> 2306

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2306

Asn Leu Glu Asp Pro Ala Ser Arg  
1 5

<210> 2307

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2307

Asn Leu Asn Val Ser Ile Pro Trp Thr His  
1 5 10

<210> 2308

<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2308  
Asn Leu Asn Val Ser Ile Pro Trp Thr His Lys  
1 5 10

<210> 2309  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2309  
Asn Leu Ser Val Pro Asn Pro Leu Gly Phe  
1 5 10

<210> 2310  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2310  
Asn Leu Ser Trp Leu Ser Leu Asp Val Ser Ala  
1 5 10

<210> 2311  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2311  
Asn Ser Gln Ser Pro Thr Ser Asn His  
1 5

<210> 2312  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2312  
Asn Ser Val Val Leu Ser Arg Lys

1 5

<210> 2313  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2313  
Asn Ser Val Val Leu Ser Arg Lys Tyr  
1 5

<210> 2314  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2314  
Asn Val Ser Ile Pro Trp Thr His  
1 5

<210> 2315  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2315  
Asn Val Ser Ile Pro Trp Thr His Lys  
1 5

<210> 2316  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2316  
Pro Ala Asp Asp Pro Ser Arg Gly Arg  
1 5

<210> 2317  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>



<223> Artificially Synthesized Peptide

<400> 2317

Pro Ala Leu Met Pro Leu Tyr Ala  
1 5

<210> 2318

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2318

Pro Ala Pro Cys Asn Phe Phe Thr Ser Ala  
1 5 10

<210> 2319

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2319

Pro Ala Arg Asp Val Leu Cys Leu Arg  
1 5

<210> 2320

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2320

Pro Ala Arg Val Thr Gly Gly Val Phe  
1 5

<210> 2321

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2321

Pro Ala Ser Thr Asn Arg Gln Ser Gly Arg  
1 5 10

<210> 2322

<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2322  
Pro Ala Tyr Arg Pro Pro Asn Ala  
1 5

<210> 2323  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2323  
Pro Cys Ala Leu Arg Phe Thr Ser Ala  
1 5

<210> 2324  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2324  
Pro Cys Ala Leu Arg Phe Thr Ser Ala Arg  
1 5 10

<210> 2325  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2325  
Pro Cys Asn Phe Phe Thr Ser Ala  
1 5

<210> 2326  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2326  
Pro Asp His Gln Leu Asp Pro Ala  
1 5

<210> 2327

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2327

Pro Asp His Gln Leu Asp Pro Ala Phe

1

5

<210> 2328

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2328

Pro Phe Leu Leu Ala Gln Phe Thr Ser Ala

1

5

10

<210> 2329

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2329

Pro Phe Thr Gln Cys Gly Tyr Pro Ala

1

5

<210> 2330

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2330

Pro Gly Tyr Arg Trp Met Cys Leu Arg

1

5

<210> 2331

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2331  
Pro Gly Tyr Arg Trp Met Cys Leu Arg Arg  
1 5 10

<210> 2332  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2332  
Pro Gly Tyr Arg Trp Met Cys Leu Arg Arg Phe  
1 5 10

<210> 2333  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2333  
Pro Ile Asp Trp Lys Val Cys Gln Arg  
1 5

<210> 2334  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2334  
Pro Ile Phe Phe Cys Leu Trp Val Tyr  
1 5

<210> 2335  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2335  
Pro Ile His Thr Ala Glu Leu Leu Ala  
1 5

<210> 2336  
<211> 10  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2336

Pro Ile His Thr Ala Glu Leu Leu Ala Ala  
1 5 10

<210> 2337

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2337

Pro Ile Ile Leu Gly Phe Arg Lys  
1 5

<210> 2338

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2338

Pro Ile Pro Ser Ser Trp Ala Phe  
1 5

<210> 2339

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2339

Pro Ile Pro Ser Ser Trp Ala Phe Ala  
1 5

<210> 2340

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2340

Pro Leu Asp Lys Gly Ile Lys Pro Tyr  
1 5

<210> 2341  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2341  
Pro Leu Asp Lys Gly Ile Lys Pro Tyr Tyr  
1 5 10

<210> 2342  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2342  
Pro Leu Glu Glu Glu Leu Pro Arg  
1 5

<210> 2343  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2343  
Pro Leu Glu Glu Glu Leu Pro Arg Leu Ala  
1 5 10

<210> 2344  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2344  
Pro Leu Gly Phe Phe Pro Asp His  
1 5

<210> 2345  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2345  
Pro Leu His Pro Ala Ala Met Pro His  
1 5

<210> 2346  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2346  
Pro Leu Leu Val Leu Gln Ala Gly Phe  
1 5

<210> 2347  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2347  
Pro Leu Leu Val Leu Gln Ala Gly Phe Phe  
1 5 10

<210> 2348  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2348  
Pro Leu Pro Ile His Thr Ala Glu Leu Leu Ala  
1 5 10

<210> 2349  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2349  
Pro Leu Ser Tyr Gln His Phe Arg  
1 5

<210> 2350  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2350  
Pro Leu Ser Tyr Gln His Phe Arg Lys  
1 5

<210> 2351  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2351  
Pro Leu Thr Val Asn Glu Lys Arg  
1 5

<210> 2352  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2352  
Pro Leu Thr Val Asn Glu Lys Arg Arg  
1 5

<210> 2353  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2353  
Pro Met Gly Val Gly Leu Ser Pro Phe  
1 5

<210> 2354  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2354  
Pro Thr Thr Gly Arg Thr Ser Leu Tyr  
1 5



<210> 2355  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2355  
Pro Thr Thr Gly Arg Thr Ser Leu Tyr Ala  
1 5 10

<210> 2356  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2356  
Pro Val Cys Ala Phe Ser Ser Ala  
1 5

<210> 2357  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2357  
Pro Val Gly Ala Glu Ser Arg Gly Arg  
1 5

<210> 2358  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2358  
Pro Val Asn Arg Pro Ile Asp Trp Lys  
1 5

<210> 2359  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2359

Gln Ala Phe Thr Phe Ser Pro Thr Tyr  
1 5

<210> 2360  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2360  
Gln Ala Phe Thr Phe Ser Pro Thr Tyr Lys  
1 5 10

<210> 2361  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2361  
Gln Ala Phe Thr Phe Ser Pro Thr Tyr Lys Ala  
1 5 10

<210> 2362  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2362  
Gln Ala Gly Phe Phe Leu Leu Thr Arg  
1 5

<210> 2363  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2363  
Gln Ala Met Gln Trp Asn Ser Thr Thr Phe  
1 5 10

<210> 2364  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2364  
Gln Ala Met Gln Trp Asn Ser Thr Thr Phe His  
1 5 10

<210> 2365  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2365  
Gln Cys Gly Tyr Pro Ala Leu Met Pro Leu Tyr  
1 5 10

<210> 2366  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2366  
Gln Phe Thr Ser Ala Ile Cys Ser Val Val Arg  
1 5 10

<210> 2367  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2367  
Gln Ser Pro Arg Arg Arg Arg Ser Gln Ser Arg  
1 5 10

<210> 2368  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2368  
Gln Ser Ser Gly Ile Leu Ser Arg  
1 5

<210> 2369

<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2369  
Arg Ala Phe Pro His Cys Leu Ala  
1 5

<210> 2370  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2370  
Arg Ala Phe Pro His Cys Leu Ala Phe  
1 5

<210> 2371  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2371  
Arg Ala Phe Pro His Cys Ile Ala Phe Ser Tyr  
1 5 10

<210> 2372  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2372  
Arg Asp Leu Leu Asp Thr Ala Ser Ala  
1 5

<210> 2373  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2373  
Arg Asp Leu Leu Asp Thr Ala Ser Ala Leu Tyr

1	5	10
---	---	----

<210> 2374  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2374  
Arg Asp Val Leu Cys Leu Arg Pro Val Gly Ala  
1 5 10

<210> 2375  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2375  
Arg Phe Ser Trp Leu Ser Leu Leu Val Pro Phe  
1 5 10

<210> 2376  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2376  
Arg Gly Leu Pro Val Cys Ala Phe  
1 5

<210> 2377  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2377  
Arg Gly Leu Pro Val Cys Ala Phe Ser Ser Ala  
1 5 10

<210> 2378  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2378

Arg Gly Arg Ser Pro Arg Arg Arg  
1 5

<210> 2379

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2379

Arg Gly Thr Ser Phe Val Tyr Val Pro Ser Ala  
1 5 10

<210> 2380

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2380

Arg Asn Gly Leu Leu Gly Phe  
1 5

<210> 2381

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2381

Arg Ile Val Gly Leu Leu Gly Phe Ala  
1 5

<210> 2382

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2382

Arg Ile Val Gly Leu Leu Gly Phe Ala Ala  
1 5 10

<210> 2383

<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2383  
Arg Leu Lys Leu Ile Met Pro Ala  
1 5

<210> 2384  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2384  
Arg Leu Lys Leu Ile Met Pro Ala Arg  
1 5

<210> 2385  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2385  
Arg Leu Lys Leu Ile Met Pro Ala Arg Phe  
1 5 10

<210> 2386  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2386  
Arg Leu Lys Leu Ile Met Pro Ala Arg Phe Tyr  
1 5 10

<210> 2387  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2387  
Arg Leu Lys Val Phe Val Leu Gly Gly Cys Arg  
1 5 10

<210> 2388  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2388  
Arg Leu Val Val Asp Phe Ser Gln Phe  
1 5

<210> 2389  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2389  
Arg Leu Val Val Asp Phe Ser Gln Phe Ser Arg  
1 5 10

<210> 2390  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2390  
Arg Ser Pro Arg Arg Arg Thr Pro Ser Pro Arg  
1 5 10

<210> 2391  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2391  
Arg Ser Gln Ser Pro Arg Arg Arg  
1 5

<210> 2392  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide



<400> 2392  
Arg Ser Gln Ser Pro Arg Arg Arg Arg  
1 5

<210> 2393  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2393  
Arg Thr Pro Ala Arg Val Thr Gly Gly Val Phe  
1 5 10

<210> 2394  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2394  
Arg Thr Pro Pro Ala Tyr Arg Pro Pro Asn Ala  
1 5 10

<210> 2395  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2395  
Arg Thr Pro Ser Pro Arg Arg Arg  
1 5

<210> 2396  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2396  
Arg Thr Pro Ser Pro Arg Arg Arg  
1 5

<210> 2397  
<211> 9  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2397

Arg Val His Phe Ala Ser Pro Leu His  
1 5

<210> 2398

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2398

Arg Val His Phe Ala Ser Pro Leu His Val Ala  
1 5 10

<210> 2399

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2399

Arg Val Thr Gly Gly Val Phe Ile Val Asp Lys  
1 5 10

<210> 2400

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2400

Ser Ala Gly Pro Cys Ala Leu Arg  
1 5

<210> 2401

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2401

Ser Ala Gly Pro Cys Ala Leu Arg Phe  
1 5

<210> 2402  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2402  
Ser Ala Ile Cys Ser Val Val Arg  
1 5

<210> 2403  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2403  
Ser Ala Ile Cys Ser Val Val Arg Arg  
1 5

<210> 2404  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2404  
Ser Ala Ile Cys Ser Trp Arg Arg Ala  
1 5

<210> 2405  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2405  
Ser Ala Ile Cys Ser Trp Arg Arg Ala Phe  
1 5 10

<210> 2406  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2406  
Ser Ala Leu Asn Pro Ala Asp Asp Pro Ser Arg  
1 5 10

<210> 2407  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2407  
Ser Ala Ser Phe Cys Gly Ser Pro Tyr  
1 5

<210> 2408  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2408  
Ser Phe Gly Val Trp Ile Arg Thr Pro Pro Ala  
1 5 10

<210> 2409  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2409  
Ser Phe Leu Pro Ser Asp Phe Phe  
1 5

<210> 2410  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2410  
Ser Phe Pro Trp Leu Ile Gly Cys Ala  
1 5

<210> 2411  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2411  
Ser Phe Pro Trp Leu Leu Gly Cys Ala Ala  
1 5 10

<210> 2412  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2412  
Ser Phe Val Trp Pro Ser Ala  
1 5

<210> 2413  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2413  
Ser Ile Pro Trp Thr His Lys Val Gly Asn Phe  
1 5 10

<210> 2414  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2414  
Ser Leu Asp Ser Trp Trp Thr Ser Ile Asn Phe  
1 5 10

<210> 2415  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2415  
Ser Leu Asp Val Ser Ala Ala Phe  
1 5

<210> 2416  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2416  
Ser Ile Gln Val Ser Ala Ala Phe Tyr  
1 5

<210> 2417  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2417  
Ser Leu Asp Val Ser Ala Ala Phe Tyr His  
1 5 10

<210> 2418  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2418  
Ser Ile Gly Ile His Leu Asn Pro Asn Lys  
1 5 10

<210> 2419  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2419  
Ser Leu Leu Val Pro Phe Val Gln Trp Phe  
1 5 10

<210> 2420  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2420

Ser Leu Arg Gly Leu Pro Val Cys Ala  
1 5

<210> 2421  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2421  
Ser Leu Arg Gly Leu Pro Val Cys Ala Phe  
1 5 10

<210> 2422  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2422  
Ser Ser Ala Gly Pro Cys Ala Leu Arg  
1 5

<210> 2423  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2423  
Ser Ser Ala Gly Pro Cys Ala Leu Arg Phe  
1 5 10

<210> 2424  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2424  
Ser Thr Ile Pro Glu Thr Thr Val Val Arg  
1 5 10

<210> 2425  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2425  
Ser Thr Leu Pro Glu Thr Thr Trp Arg Arg  
1 5 10

<210> 2426  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2426  
Ser Thr Asn Arg Gln Ser Gly Arg  
1 5

<210> 2427  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2427  
Ser Thr Thr Asp Leu Glu Ala Tyr  
1 5

<210> 2428  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2428  
Ser Thr Thr Asp Leu Glu Ala Tyr Phe  
1 5

<210> 2429  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2429  
Ser Thr Thr Asp Leu Glu Ala Tyr Phe Lys  
1 5 10

<210> 2430



<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2430  
Ser Val Pro Asn Pro Leu Gly Phe  
1 5

<210> 2431  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2431  
Ser Val Val Leu Ser Arg Lys Tyr  
1 5

<210> 2432  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2432  
Ser Val Val Leu Ser Arg Lys Tyr Thr Ser Phe  
1 5 10

<210> 2433  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2433  
Ser Val Val Arg Arg Ala Phe Pro His  
1 5

<210> 2434  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2434  
Thr Ala Glu Leu Leu Ala Ala Cys Phe

1

5

<210> 2435

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2435

Thr Ala Glu Leu Leu Ala Ala Cys Phe Ala

1

5

10

<210> 2436

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2436

Thr Ala Glu Leu Leu Ala Ala Cys Phe Ala Arg

1

5

10

<210> 2437

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2437

Thr Ala Ser Ala Leu Tyr Arg Glu Ala

1

5

<210> 2438

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2438

Thr Cys Ile Pro Ile Pro Ser Ser Trp Ala

1

5

10

<210> 2439

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2439

Thr Cys Ile Pro Ile Pro Ser Ser Trp Ala Phe  
1 5 10

<210> 2440

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2440

Thr Asp Leu Glu Ala Tyr Phe Lys  
1 5

<210> 2441

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2441

Thr Asp Asn Ser Val Val Leu Ser Arg  
1 5

<210> 2442

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2442

Thr Asp Asn Ser Val Val Leu Ser Arg Lys  
1 5 10

<210> 2443

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2443

Thr Asp Asn Ser Val Val Leu Ser Arg Lys Tyr  
1 5 10

<210> 2444

<211> 10

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2444  
Thr Phe Gly Arg Glu Thr Val Leu Glu Tyr  
1 5 10

<210> 2445  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2445  
Thr Phe Ser Pro Thr Tyr Lys Ala  
1 5

<210> 2446  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2446  
Thr Phe Ser Pro Thr Tyr Lys Ala Phe  
1 5

<210> 2447  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2447  
Thr Gly Gly Val Phe Leu Val Gln Lys  
1 5

<210> 2448  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2448  
Thr Gly Arg Thr Ser Leu Tyr Ala  
1 5

<210> 2449  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2449  
Thr Leu Pro Glu Thr Thr Val Val Arg  
1 5

<210> 2450  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2450  
Thr Leu Pro Glu Thr Thr Val Val Arg Arg  
1 5 10

<210> 2451  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2451  
Thr Leu Pro Glu Thr Thr Val Val Arg Arg Arg  
1 5 10

<210> 2452  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2452  
Thr Leu Trp Lys Ala Gly Ile Leu Tyr  
1 5

<210> 2453  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2453

Thr Leu Trp Lys Ala Gly Ile Leu Tyr Lys  
1 5 10

<210> 2454

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2454

Thr Leu Trp Lys Ala Gly Ile Leu Tyr Lys Arg  
1 5 10

<210> 2455

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2455

Thr Ser Ala Ile Cys Ser Val Val Arg  
1 5

<210> 2456

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2456

Thr Ser Ala Ile Cys Ser Val Val Arg Arg  
1 5 10

<210> 2457

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2457

Thr Ser Ala Ile Cys Ser Val Val Arg Arg Ala  
1 5 10

<210> 2458

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2458

Thr Ser Phe Pro Trp Leu Leu Gly Cys Ala  
1 5 10

<210> 2459

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2459

Thr Ser Phe Pro Trp Leu Leu Gly Cys Ala Ala  
1 5 10

<210> 2460

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2460

Thr Ser Phe Val Tyr Val Pro Ser Ala  
1 5

<210> 2461

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2461

Thr Thr Asp Leu Glu Ala Tyr Phe  
1 5

<210> 2462

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2462

Thr Thr Asp Leu Glu Ala Tyr Phe Lys  
1 5

<210> 2463  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2463  
Thr Thr Gly Arg Thr Ser Leu Tyr  
1 5

<210> 2464  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2464  
Thr Thr Gly Arg Thr Ser Leu Tyr Ala  
1 5

<210> 2465  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2465  
Thr Thr Ser Thr Gly Pro Cys Lys  
1 5

<210> 2466  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2466  
Thr Thr Val Val Arg Arg Arg Gly Arg  
1 5

<210> 2467  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide



<400> 2467  
Thr Val Val Arg Arg Arg Gly Arg  
1 5

<210> 2468  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2468  
Thr Val Val Arg Arg Arg Gly Arg Ser Pro Arg  
1 5 10

<210> 2469  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2469  
Val Cys Ala Phe Ser Ser Ala Gly Pro Cys Ala  
1 5 10

<210> 2470  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2470  
Val Cys Gln Arg Asn Gly Leu Leu Gly Phe  
1 5 10

<210> 2471  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2471  
Val Asp Phe Ser Gln Phe Ser Arg  
1 5

<210> 2472  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2472  
Val Phe Leu Val Asp Lys Asn Pro His  
1 5

<210> 2473  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2473  
Val Phe Val Leu Gly Gly Cys Arg  
1 5

<210> 2474  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2474  
Val Phe Val Leu Gly Gly Cys Arg His  
1 5

<210> 2475  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2475  
Val Phe Val Leu Gly Gly Cys Arg His Lys  
1 5 10

<210> 2476  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2476  
Val Gly Ala Glu Ser Arg Gly Arg  
1 5

<210> 2477  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2477  
Val Gly Leu Leu Gly Phe Ala Ala  
1 5

<210> 2478  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2478  
Val Gly Leu Leu Gly Phe Ala Ala Pro Phe  
1 5 10

<210> 2479  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2479  
Val Gly Leu Ser Pro Phe Leu Leu Ala  
1 5

<210> 2480  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2480  
Val Gly Leu Ser Pro Phe Leu Leu Ala Gln Phe  
1 5 10

<210> 2481  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2481

Val Gly Asn Phe Thr Gly Leu Tyr  
1 5

<210> 2482  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2482  
Val Gly Pro Leu Thr Val Asn Glu Lys  
1 5

<210> 2483  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2483  
Val Gly Pro Leu Thr Val Asn Glu Lys Arg  
1 5 10

<210> 2484  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2484  
Val Gly Pro Leu Thr Val Asn Glu Lys Arg Arg  
1 5 10

<210> 2485  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2485  
Val Leu Cys Leu Arg Pro Val Gly Ala  
1 5

<210> 2486  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2486  
Val Leu Gly Ala Lys Ser Val Gln His  
1 5

<210> 2487  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2487  
Val Leu Gly Gly Cys Arg His Lys  
1 5

<210> 2488  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2488  
Val Leu Gln Ala Gly Phe Phe Leu Leu Thr Arg  
1 5 10

<210> 2489  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2489  
Val Leu Ser Arg Lys Tyr Thr Ser Phe  
1 5

<210> 2490  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2490  
Val Ser Phe Gly Val Trp Ile Arg  
1 5

<210> 2491

<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2491  
Val Ser Ile Pro Trp Thr His Lys  
1 5

<210> 2492  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2492  
Val Thr Gly Gly Val Phe Leu Val Asp Lys  
1 5 10

<210> 2493  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2493  
Val Val Asp Phe Ser Gln Phe Ser Arg  
1 5

<210> 2494  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2494  
Val Val Leu Gly Ala Lys Ser Val Gln His  
1 5 10

<210> 2495  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2495  
Val Val Leu Ser Arg Lys Tyr Thr Ser Phe

1	5	10
---	---	----

<210> 2496  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2496  
Val Val Arg Arg Ala Phe Pro His  
1 5

<210> 2497  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2497  
Val Val Arg Arg Ala Phe Pro His Cys Leu Ala  
1 5 10

<210> 2498  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2498  
Val Val Arg Arg Arg Gly Arg Ser Pro Arg  
1 5 10

<210> 2499  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2499  
Val Val Arg Arg Arg Gly Arg Ser Pro Arg Arg  
1 5 10

<210> 2500  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2500

Trp Phe His Ile Ser Cys Leu Thr Phe  
1 5

<210> 2501

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2501

Trp Phe His Ile Ser Cys Leu Thr Phe Gly Arg  
1 5 10

<210> 2502

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2502

Trp Gly Met Asp Ile Asp Pro Tyr  
1 5

<210> 2503

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2503

Trp Gly Met Asp Ile Asp Pro Tyr Lys  
1 5

<210> 2504

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2504

Trp Gly Met Asp Ile Asp Pro Tyr Lys Glu Phe  
1 5 10

<210> 2505

<211> 10



<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2505  
Trp Gly Tyr Ser Leu Asn Phe Met Gly Tyr  
1 5 10

<210> 2506  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2506  
Trp Ile Leu Arg Gly Thr Ser Phe  
1 5

<210> 2507  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2507  
Trp Ile Leu Arg Gly Thr Ser Phe Val Tyr  
1 5 10

<210> 2508  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2508  
Trp Ile Arg Thr Pro Pro Ala Tyr  
1 5

<210> 2509  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2509  
Trp Ile Arg Thr Pro Pro Ala Tyr Arg  
1 5

<210> 2510  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2510  
Trp Leu Gln Phe Arg Asn Ser Lys  
1 5

<210> 2511  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2511  
Trp Leu Ser Leu Asp Val Ser Ala  
1 5

<210> 2512  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2512  
Trp Leu Ser Leu Asp Val Ser Ala Ala  
1 5

<210> 2513  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2513  
Trp Leu Ser Leu Asp Val Ser Ala Ala Phe  
1 5 10

<210> 2514  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2514  
Trp Leu Ser Leu Asp Val Ser Ala Ala Phe Tyr  
1 5 10

<210> 2515  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2515  
Trp Leu Ser Leu Leu Val Pro Phe  
1 5

<210> 2516  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2516  
Trp Leu Trp Gly Met Asp Ile Asp Pro Tyr  
1 5 10

<210> 2517  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2517  
Trp Leu Trp Gly Met Asp Ile Asp Pro Tyr Lys  
1 5 10

<210> 2518  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2518  
Trp Met Cys Leu Arg Arg Phe Ile Ile Phe  
1 5 10

<210> 2519  
<211> 11  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2519

Trp Met Met Trp Tyr Trp Gly Pro Ser Leu Tyr  
1 5 10

<210> 2520

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2520

Trp Thr His Lys Val Gly Asn Phe  
1 5

<210> 2521

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2521

Tyr Leu His Thr Leu Trp Lys Ala  
1 5

<210> 2522

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2522

Tyr Leu Pro Leu Asp Lys Gly Ile Lys  
1 5

<210> 2523

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2523

Tyr Leu Pro Leu Asp Lys Gly Ile Lys Pro Tyr  
1 5 10

<210> 2524  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2524  
Tyr Leu Val Ser Phe Gly Val Trp Ile Arg  
1 5 10

<210> 2525  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2525  
Tyr Met Asp Asp Val Val Leu Gly Ala  
1 5

<210> 2526  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2526  
Tyr Met Asp Asp Trp Leu Gly Ala Lys  
1 5

<210> 2527  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2527  
Tyr Ser His Pro Ile Ile Leu Gly Phe  
1 5

<210> 2528  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide

<400> 2528

Tyr Ser His Pro Ile Ile Leu Gly Phe Arg  
1 5 10

<210> 2529

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2529

Tyr Ser His Ile Pro Ile Ile Leu Gly Phe Arg Lys  
1 5 10

<210> 2530

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2530

Tyr Ser Leu Asn Phe Met Gly Tyr  
1 5

<210> 2531

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2531

Tyr Thr Ser Phe Pro Trp Leu Leu Gly Cys Ala  
1 5 10

<210> 2532

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2532

Tyr Val Pro Ser Ala Leu Asn Pro Ala  
1 5

<210> 2533

<211> 10

<212> PRT

<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2533  
Asp Asn Ser Val Val Leu Ser Arg Lys Tyr  
1 5 10

<210> 2534  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2534  
Asp Thr Ala Ser Ala Leu Tyr Arg  
1 5

<210> 2535  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2535  
Asp Val Ser Ala Ala Phe Tyr His  
1 5

<210> 2536  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2536  
Asp Val Val Leu Gly Ala Lys Ser Val Gln His  
1 5 10

<210> 2537  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2537  
Glu Ala Gly Pro Leu Glu Glu Glu Leu Pro Arg  
1 5 10

<210> 2538  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2538  
Glu Ala Leu Glu Ser Pro Glu His  
1 5

<210> 2539  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2539  
Glu Leu Leu Ala Ala Cys Phe Ala Arg  
1 5

<210> 2540  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2540  
Glu Leu Leu Ala Ala Cys Phe Ala Arg Ser Arg  
1 5 10

<210> 2541  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2541  
Glu Ser Pro Glu His Cys Ser Pro His  
1 5

<210> 2542  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2542



Glu Ser Pro Glu His Cys Ser Pro His His  
1 5 10

<210> 2543  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2543  
Glu Thr Thr Val Val Arg Arg Arg  
1 5

<210> 2544  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2544  
Glu Thr Thr Val Val Arg Arg Arg Gly Arg  
1 5 10

<210> 2545  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2545  
Phe Ala Ala Pro Phe Thr Gln Cys Gly Tyr  
1 5 10

<210> 2546  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2546  
Phe Ala Ser Pro Leu His Val Ala Trp Arg  
1 5 10

<210> 2547  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2547  
Phe Gly Arg Glu Thr Val Leu Glu Tyr  
1 5

<210> 2548  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2548  
Phe Gly Val Glu Pro Ser Gly Ser Gly His  
1 5 10

<210> 2549  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2549  
Phe Gly Val Trp Ile Arg Thr Pro Pro Ala Tyr  
1 5 10

<210> 2550  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2550  
Phe Leu Leu Ser Leu Gly Ile His  
1 5

<210> 2551  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2551  
Phe Leu Leu Val Leu Leu Asp Tyr  
1 5

<210> 2552

<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2552  
Phe Leu Val Asp Lys Val Pro His  
1 5

<210> 2553  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2553  
Phe Ser Ser Ala Gly Pro Cys Ala Leu Arg  
1 5 10

<210> 2554  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2554  
Phe Thr Phe Ser Pro Thr Tyr Lys  
1 5

<210> 2555  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2555  
Phe Thr Ser Ala Ile Cys Ser Val Val Arg  
1 5 10

<210> 2556  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2556  
Phe Thr Ser Ala Ile Cys Ser Val Val Arg Arg

1	5	10
---	---	----

<210> 2557  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2557  
Phe Val Leu Gly Gly Cys Arg His  
1 5

<210> 2558  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2558  
Phe Val Leu Gly Gly Cys Arg His Lys  
1 5

<210> 2559  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2559  
Gly Cys Ala Ala Asn Trp Ile Leu Arg  
1 5

<210> 2560  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2560  
Gly Phe Ala Ala Pro Phe Thr Gln Cys Gly Tyr  
1 5 10

<210> 2561  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2561

Gly Gly Val Phe Leu Val Asp Lys  
1 5

<210> 2562

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2562

Gly Gly Val Phe Leu Val Asp Lys Asn Pro His  
1 5 10

<210> 2563

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2563

Gly Ile His Leu Asn Pro Asn Lys  
1 5

<210> 2564

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2564

Gly Ile His Leu Asn Pro Asn Lys Thr Lys  
1 5 10

<210> 2565

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2565

Gly Ile His Leu Asn Pro Asn Lys Thr Lys Arg  
1 5 10

<210> 2566

<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2566  
Gly Met Asp Ile Asp Pro Tyr Lys  
1 5

<210> 2567  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2567  
Gly Asn Leu Asn Val Ser Ile Pro Trp Thr His  
1 5 10

<210> 2568  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2568  
Gly Thr Asp Asn Ser Val Val Leu Ser Arg  
1 5 10

<210> 2569  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2569  
Gly Thr Asp Asn Ser Val Val Leu Ser Arg Lys  
1 5 10

<210> 2570  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2570  
Gly Val Glu Pro Ser Gly Ser Gly His  
1 5

<210> 2571  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2571  
Gly Val Phe Leu Val Asp Lys Asn Pro His  
1 5 10

<210> 2572  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2572  
Gly Val Trp Ile Arg Thr Pro Pro Ala Tyr  
1 5 10

<210> 2573  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2573  
Gly Val Trp Ile Arg Thr Pro Pro Ala Tyr Arg  
1 5 10

<210> 2574  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2574  
His Cys Ser Pro His His Thr Ala Leu Arg  
1 5 10

<210> 2575  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2575  
His Phe Ala Ser Pro Leu His Val Ala Trp Arg  
1 5 10

<210> 2576  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2576  
His Gly Ala His Leu Ser Leu Arg  
1 5

<210> 2577  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2577  
His Ile Ser Cys Leu Thr Phe Gly Arg  
1 5

<210> 2578  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2578  
His Leu Asn Pro Asn Lys Thr Lys  
1 5

<210> 2579  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2579  
His Leu Asn Pro Asn Lys Thr Lys Arg  
1 5

<210> 2580  
<211> 10  
<212> PRT



<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2580

His	Thr	Leu	Trp	Lys	Ala	Gly	Ile	Leu	Tyr
1				5				10	

<210> 2581

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2581

His	Thr	Leu	Trp	Lys	Ala	Gly	Ile	Leu	Tyr	Lys
1				5				10		

<210> 2582

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2582

Ile	Cys	Ser	Val	Val	Arg	Arg	Ala	Phe	Pro	His
1				5					10	

<210> 2583

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2583

Ile	Asp	Trp	Lys	Val	Cys	Gln	Arg
1				5			

<210> 2584

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2584

Ile	Phe	Phe	Cys	Leu	Trp	Val	Tyr
1				5			

<210> 2585  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2585  
Ile Phe Leu Leu Val Leu Leu Asp Tyr  
1 5

<210> 2586  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2586  
Ile Gly Thr Asp Asn Ser Val Val Leu Ser Arg  
1 5 10

<210> 2587  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2587  
Ile Leu Arg Gly Thr Ser Phe Val Tyr  
1 5

<210> 2588  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2588  
Ile Ser Cys Leu Thr Phe Gly Arg  
1 5

<210> 2589  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2589

Lys Ala Gly Ile Leu Tyr Lys Arg  
1 5

<210> 2590

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2590

Lys Leu Ile Met Pro Ala Arg Phe Tyr  
1 5

<210> 2591

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2591

Lys Leu Pro Val Asn Arg Pro Ile Asp Trp Lys  
1 5 10

<210> 2592

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2592

Lys Val Phe Val Leu Gly Gly Cys Arg  
1 5

<210> 2593

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2593

Lys Val Phe Val Leu Gly Gly Cys Arg His  
1 5 10

<210> 2594

<211> 9

<212> PRT

<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2594  
Lys Val Gly Asn Phe Thr Gly Leu Tyr  
1 5

<210> 2595  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2595  
Leu Ala Ala Cys Phe Ala Arg Ser Arg  
1 5

<210> 2596  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2596  
Leu Cys Leu Arg Pro Val Gly Ala Glu Ser Arg  
1 5 10

<210> 2597  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2597  
Leu Asp Lys Gly Ile Lys Pro Tyr  
1 5

<210> 2598  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2598  
Leu Asp Lys Gly Ile Lys Pro Tyr Tyr  
1 5

<210> 2599  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2599  
Leu Asp Pro Ala Arg Asp Val Leu Cys Leu Arg  
1 5 10

<210> 2600  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2600  
Leu Asp Thr Ala Ser Ala Leu Tyr  
1 5

<210> 2601  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2601  
Leu Asp Thr Ala Ser Ala Leu Tyr Arg  
1 5

<210> 2602  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2602  
Leu Asp Val Ser Ala Ala Phe Tyr  
1 5

<210> 2603  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2603

Leu Asp Val Ser Ala Ala Phe Tyr His  
1 5

<210> 2604  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2604  
Leu Gly Ala Lys Ser Val Gln His  
1 5

<210> 2605  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2605  
Leu Gly Cys Ala Ala Asn Trp Ile Leu Arg  
1 5 10

<210> 2606  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2606  
Leu Gly Ile His Leu Asn Pro Asn Lys  
1 5

<210> 2607  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2607  
Leu Gly Ile His Leu Asn Pro Asn Lys Thr Lys  
1 5 10

<210> 2608  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2608  
Leu Ile Phe Leu Leu Val Leu Leu Asp Tyr  
1 5 10

<210> 2609  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2609  
Leu Ile Met Pro Ala Arg Phe Tyr  
1 5

<210> 2610  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2610  
Leu Leu Ala Ala Cys Phe Ala Arg  
1 5

<210> 2611  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2611  
Leu Leu Ala Ala Cys Phe Ala Arg Ser Arg  
1 5 10

<210> 2612  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2612  
Leu Leu Asp Thr Ala Ser Ala Leu Tyr  
1 5

<210> 2613

<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2613  
Leu Leu Asp Thr Ala Ser Ala Leu Tyr Arg  
1 5 10

<210> 2614  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2614  
Leu Leu Gly Cys Ala Ala Asn Trp Ile Leu Arg  
1 5 10

<210> 2615  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2615  
Leu Leu Pro Ile Phe Phe Cys Leu Trp Val Tyr  
1 5 10

<210> 2616  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2616  
Leu Asn Pro Ala Asp Asp Pro Ser Arg  
1 5

<210> 2617  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2617  
Leu Asn Pro Ala Asp Asp Pro Ser Arg Gly Arg



1 5 10

<210> 2618  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2618  
Leu Asn Pro Asn Lys Thr Lys Arg  
1 5

<210> 2619  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2619  
Leu Asn Pro Asn Lys Thr Lys Arg Trp Gly Tyr  
1 5 10

<210> 2620  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2620  
Leu Asn Val Ser Ile Pro Trp Thr His  
1 5

<210> 2621  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2621  
Leu Asn Val Ser Ile Pro Trp Thr His Lys  
1 5 10

<210> 2622  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2622

Leu Ser Leu Asp Val Ser Ala Ala Phe Tyr  
1 5 10

<210> 2623

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2623

Leu Ser Leu Asp Val Ser Ala Ala Phe Tyr His  
1 5 10

<210> 2624

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2624

Leu Ser Leu Gly Ile His Leu Asn Pro Asn Lys  
1 5 10

<210> 2625

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2625

Leu Ser Thr Leu Pro Glu Thr Thr Val Val Arg  
1 5 10

<210> 2626

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2626

Leu Ser Tyr Gln His Phe Arg Lys  
1 5

<210> 2627

<211> 11

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2627  
Leu Thr Phe Gly Arg Glu Thr Val Leu Glu Tyr  
1 5 10

<210> 2628  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2628  
Leu Thr Val Asn Glu Lys Arg Arg  
1 5

<210> 2629  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2629  
Leu Val Ser Phe Gly Val Trp Ile Arg  
1 5

<210> 2630  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2630  
Leu Val Val Asp Phe Ser Gln Phe Ser Arg  
1 5 10

<210> 2631  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2631  
Met Asp Asp Val Val Leu Gly Ala Lys  
1 5

<210> 2632  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2632  
Met Met Trp Tyr Trp Gly Pro Ser Leu Tyr  
1 5 10

<210> 2633  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2633  
Met Ser Thr Thr Asp Leu Glu Ala Tyr  
1 5

<210> 2634  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2634  
Met Ser Thr Thr Asp Leu Glu Ala Tyr Phe Lys  
1 5 10

<210> 2635  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2635  
Asn Phe Leu Leu Ser Leu Gly Ile His  
1 5

<210> 2636  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2636  
Asn Leu Glu Asp Pro Ala Ser Arg  
1 5

<210> 2637  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2637  
Asn Leu Asn Val Ser Ile Pro Trp Thr His  
1 5 10

<210> 2638  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2638  
Asn Leu Asn Val Ser Ile Pro Trp Thr His Lys  
1 5 10

<210> 2639  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2639  
Asn Ser Gln Ser Pro Thr Ser Asn His  
1 5

<210> 2640  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2640  
Asn Ser Val Val Leu Ser Arg Lys  
1 5

<210> 2641  
<211> 9  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2641

Asn Ser Val Val Leu Ser Arg Lys Tyr  
1 5

<210> 2642

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2642

Asn Val Ser Ile Pro Trp Thr His  
1 5

<210> 2643

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2643

Asn Val Ser Ile Pro Trp Thr His Lys  
1 5

<210> 2644

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2644

Pro Ala Asp Asp Pro Ser Arg Gly Arg  
1 5

<210> 2645

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2645

Pro Ala Arg Asp Val Leu Cys Leu Arg  
1 5

<210> 2646  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2646  
Pro Ala Ser Thr Asn Arg Gln Ser Gly Arg  
1 5 10

<210> 2647  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2647  
Pro Cys Ala Leu Arg Phe Thr Ser Ala Arg  
1 5 10

<210> 2648  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2648  
Pro Gly Tyr Arg Trp Met Cys Leu Arg  
1 5

<210> 2649  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2649  
Pro Gly Tyr Arg Trp Met Cys Leu Arg Arg  
1 5 10

<210> 2650  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2650  
Pro Ile Asp Trp Lys Val Cys Gln Arg  
1 5

<210> 2651  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2651  
Pro Ile Phe Phe Cys Leu Trp Val Tyr  
1 5

<210> 2652  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2652  
Pro Ile Ile Leu Gly Phe Arg Lys  
1 5

<210> 2653  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2653  
Pro Leu Asp Lys Gly Ile Lys Pro Tyr  
1 5

<210> 2654  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2654  
Pro Leu Asp Lys Gly Ile Lys Pro Tyr Tyr  
1 5 10

<210> 2655  
<211> 8  
<212> PRT  
<213> Artificial Sequence



<220>  
<223> Artificially Synthesized Peptide

<400> 2655  
Pro Leu Glu Glu Glu Leu Pro Arg  
1 5

<210> 2656  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2656  
Pro Leu Gly Phe Phe Pro Asp His  
1 5

<210> 2657  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2657  
Pro Leu His Pro Ala Ala Met Pro His  
1 5

<210> 2658  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2658  
Pro Leu Ser Tyr Gln His Phe Arg  
1 5

<210> 2659  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2659  
Pro Leu Ser Tyr Gln His Phe Arg Lys  
1 5

<210> 2660  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2660  
Pro Leu Thr Val Asn Glu Lys Arg  
1 5

<210> 2661  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2661  
Pro Leu Thr Val Asn Glu Lys Arg Arg  
1 5

<210> 2662  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2662  
Pro Asn Lys Thr Lys Arg Trp Gly Tyr  
1 5

<210> 2663  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2663  
Pro Thr Thr Gly Arg Thr Ser Leu Tyr  
1 5

<210> 2664  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2664

Pro Val Gly Ala Glu Ser Arg Gly Arg  
1 5

<210> 2665  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2665  
Pro Val Asn Arg Pro Ile Asp Trp Lys  
1 5

<210> 2666  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2666  
Gln Ala Phe Thr Phe Ser Pro Thr Tyr  
1 5

<210> 2667  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2667  
Gln Ala Phe Thr Phe Ser Pro Thr Tyr Lys  
1 5 10

<210> 2668  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2668  
Gln Ala Gly Phe Phe Leu Leu Thr Arg  
1 5

<210> 2669  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2669  
Gln Ala Met Gln Trp Asn Ser Thr Thr Phe His  
1 5 10

<210> 2670  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2670  
Gln Cys Gly Tyr Pro Ala Leu Met Pro Leu Tyr  
1 5 10

<210> 2671  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2671  
Gln Phe Thr Ser Ala Ile Cys Ser Val Val Arg  
1 5 10

<210> 2672  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2672  
Gln Ser Pro Arg Arg Arg Arg Ser Gln Ser Arg  
1 5 10

<210> 2673  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2673  
Gln Ser Ser Gly Ile Leu Ser Arg  
1 5

<210> 2674

<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2674  
Arg Ala Phe Pro His Cys Leu Ala Phe Ser Tyr  
1 5 10

<210> 2675  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2675  
Arg Asp Leu Leu Asp Thr Ala Ser Ala Leu Tyr  
1 5 10

<210> 2676  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2676  
Arg Gly Arg Ser Pro Arg Arg Arg  
1 5

<210> 2677  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2677  
Arg Leu Lys Leu Ile Met Pro Ala Arg  
1 5

<210> 2678  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2678  
Arg Leu Lys Leu Ile Met Pro Ala Arg Phe Tyr

1 5 10

<210> 2679  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2679  
Arg Leu Lys Val Phe Val Leu Gly Gly Cys Arg  
1 5 10

<210> 2680  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2680  
Arg Leu Val Val Asp Phe Ser Gln Phe Ser Arg  
1 5 10

<210> 2681  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2681  
Arg Ser Pro Arg Arg Arg Thr Pro Ser Pro Arg  
1 5 10

<210> 2682  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2682  
Arg Ser Gln Ser Pro Arg Arg Arg  
1 5

<210> 2683  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2683

Arg Ser Gln Ser Pro Arg Arg Arg Arg  
1 5

<210> 2684

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2684

Arg Thr Pro Ser Pro Arg Arg Arg  
1 5

<210> 2685

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2685

Arg Thr Pro Ser Pro Arg Arg Arg Arg  
1 5

<210> 2686

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2686

Arg Val His Phe Ala Ser Pro Leu His  
1 5

<210> 2687

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2687

Arg Val Thr Gly Gly Val Phe Leu Val Asp Lys  
1 5 10

<210> 2688

<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2688  
Ser Ala Gly Pro Cys Ala Leu Arg  
1 5

<210> 2689  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2689  
Ser Ala Ile Cys Ser Val Val Arg  
1 5

<210> 2690  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2690  
Ser Ala Ile Cys Ser Val Val Arg Arg  
1 5

<210> 2691  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2691  
Ser Ala Leu Asn Pro Ala Asp Asp Pro Ser Arg  
1 5 10

<210> 2692  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2692  
Ser Ala Ser Phe Cys Gly Ser Pro Tyr  
1 5



<210> 2693  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2693  
Ser Leu Asp Val Ser Ala Ala Phe Tyr  
1 5

<210> 2694  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2694  
Ser Leu Asp Val Ser Ala Ala Phe Tyr His  
1 5 10

<210> 2695  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2695  
Ser Leu Gly Ile His Leu Asn Pro Asn Lys  
1 5 10

<210> 2696  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2696  
Ser Ser Ala Gly Pro Cys Ala Leu Arg  
1 5

<210> 2697  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2697  
Ser Thr Leu Pro Glu Thr Thr Val Val Arg  
1 5 10

<210> 2698  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2698  
Ser Thr Leu Pro Glu Thr Thr Val Val Arg Arg  
1 5 10

<210> 2699  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2699  
Ser Thr Asn Arg Gln Ser Gly Arg  
1 5

<210> 2700  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2700  
Ser Thr Thr Asp Leu Glu Ala Tyr  
1 5

<210> 2701  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2701  
Ser Thr Thr Asp Leu Glu Ala Tyr Phe Lys  
1 5 10

<210> 2702  
<211> 8  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2702

Ser Val Val Leu Ser Arg Lys Tyr  
1 5

<210> 2703

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2703

Ser Val Val Arg Arg Ala Phe Pro His  
1 5

<210> 2704

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2704

Thr Ala Glu Leu Leu Ala Ala Cys Phe Ala Arg  
1 5 10

<210> 2705

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2705

Thr Asp Leu Glu Ala Tyr Phe Lys  
1 5

<210> 2706

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2706

Thr Asp Asn Ser Val Val Leu Ser Arg  
1 5

<210> 2707  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2707  
Thr Asp Asn Ser Val Val Leu Ser Arg Lys  
1 5 10

<210> 2708  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2708  
Thr Asp Asn Ser Val Val Leu Ser Arg Lys Tyr  
1 5 10

<210> 2709  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2709  
Thr Phe Gly Arg Glu Thr Val Leu Glu Tyr  
1 5 10

<210> 2710  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2710  
Thr Gly Gly Val Phe Leu Val Asp Lys  
1 5

<210> 2711  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2711  
Thr Leu Pro Glu Thr Thr Val Val Arg  
1 5

<210> 2712  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2712  
Thr Leu Pro Glu Thr Thr Val Val Arg Arg  
1 5 10

<210> 2713  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2713  
Thr Leu Pro Glu Thr Thr Val Val Arg Arg Arg  
1 5 10

<210> 2714  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2714  
Thr Leu Trp Lys Ala Gly Ile Leu Tyr  
1 5

<210> 2715  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2715  
Thr Leu Trp Lys Ala Gly Ile Leu Tyr Lys  
1 5 10

<210> 2716  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2716  
Thr Leu Trp Lys Ala Gly Ile Leu Tyr Lys Arg  
1 5 10

<210> 2717  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2717  
Thr Asn Phe Leu Leu Ser Leu Gly Ile His  
1 5 10

<210> 2718  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2718  
Thr Ser Ala Ile Cys Ser Val Val Arg  
1 5

<210> 2719  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2719  
Thr Ser Ala Ile Cys Ser Val Val Arg Arg  
1 5 10

<210> 2720  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2720  
Thr Thr Asp Leu Glu Ala Tyr Phe Lys  
1 5

<210> 2721  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2721  
Thr Thr Gly Arg Thr Ser Leu Tyr  
1 5  
  
<210> 2722  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2722  
Thr Thr Ser Thr Gly Pro Cys Lys  
1 5  
  
<210> 2723  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2723  
Thr Thr Val Val Arg Arg Arg Gly Arg  
1 5  
  
<210> 2724  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2724  
Thr Val Val Arg Arg Arg Gly Arg  
1 5  
  
<210> 2725  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2725

Thr Val Val Arg Arg Arg Gly Arg Ser Pro Arg  
1 5 10

<210> 2726  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2726  
Val Asp Phe Ser Gln Phe Ser Arg  
1 5

<210> 2727  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2727  
Val Phe Leu Val Asp Lys Asn Pro His  
1 5

<210> 2728  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2728  
Val Phe Val Leu Gly Gly Cys Arg  
1 5

<210> 2729  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2729  
Val Phe Val Leu Gly Gly Cys Arg His  
1 5

<210> 2730  
<211> 10  
<212> PRT  
<213> Artificial Sequence



<220>  
<223> Artificially Synthesized Peptide

<400> 2730  
Val Phe Val Leu Gly Gly Cys Arg His Lys  
1 5 10

<210> 2731  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2731  
Val Gly Ala Glu Ser Arg Gly Arg  
1 5

<210> 2732  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2732  
Val Gly Asn Phe Thr Gly Leu Tyr  
1 5

<210> 2733  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2733  
Val Gly Pro Leu Thr Val Asn Glu Lys  
1 5

<210> 2734  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2734  
Val Gly Pro Leu Thr Val Asn Glu Lys Arg  
1 5 10

<210> 2735

<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2735  
Val Gly Pro Leu Thr Val Asn Glu Lys Arg Arg  
1 5 10

<210> 2736  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2736  
Val Leu Gly Ala Lys Ser Val Gln His  
1 5

<210> 2737  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2737  
Val Leu Gly Gly Cys Arg His Lys  
1 5

<210> 2738  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2738  
Val Leu Gln Ala Gly Phe Phe Leu Leu Thr Arg  
1 5 10

<210> 2739  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2739  
Val Asn Arg Pro Ile Asp Trp Lys

1

5

<210> 2740

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2740

Val Ser Phe Gly Val Trp Ile Arg

1

5

<210> 2741

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2741

Val Ser Ile Pro Trp Thr His Lys

1

5

<210> 2742

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2742

Val Thr Gly Gly Val Phe Leu Val Asp Lys

1

5

10

<210> 2743

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2743

Val Val Asp Phe Ser Gln Phe Ser Arg

1

5

<210> 2744

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2744

Val Val Leu Gly Ala Lys Ser Val Gln His  
1 5 10

<210> 2745

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2745

Val Val Arg Arg Ala Phe Pro His  
1 5

<210> 2746

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2746

Val Val Arg Arg Arg Gly Arg Ser Pro Arg  
1 5 10

<210> 2747

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2747

Val Val Arg Arg Arg Gly Arg Ser Pro Arg Arg  
1 5 10

<210> 2748

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2748

Trp Phe His Ile Ser Cys Leu Thr Phe Gly Arg  
1 5 10

<210> 2749

<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2749  
Trp Gly Met Asp Ile Asp Pro Tyr  
1 5

<210> 2750  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2750  
Trp Gly Met Asp Ile Asp Pro Tyr Lys  
1 5

<210> 2751  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2751  
Trp Gly Tyr Ser Leu Asn Phe Met Gly Tyr  
1 5 10

<210> 2752  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2752  
Trp Ile Leu Arg Gly Thr Ser Phe Val Tyr  
1 5 10

<210> 2753  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2753  
Trp Ile Arg Thr Pro Pro Ala Tyr  
1 5

<210> 2754

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2754

Trp Ile Arg Thr Pro Pro Ala Tyr Arg  
1 5

<210> 2755

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2755

Trp Leu Gln Phe Arg Asn Ser Lys  
1 5

<210> 2756

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2756

Trp Leu Ser Leu Asp Val Ser Ala Ala Phe Tyr  
1 5 10

<210> 2757

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2757

Trp Leu Trp Gly Met Asp Ile Asp Pro Tyr  
1 5 10

<210> 2758

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2758  
Trp Leu Trp Gly Met Asp Ile Asp Pro Tyr Lys  
1 5 10

<210> 2759  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2759  
Trp Met Met Trp Tyr Trp Gly Pro Ser Leu Tyr  
1 5 10

<210> 2760  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2760  
Tyr Leu Pro Leu Asp Lys Gly Ile Lys  
1 5

<210> 2761  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2761  
Tyr Leu Pro Leu Asp Lys Gly Ile Lys Pro Tyr  
1 5 10

<210> 2762  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2762  
Tyr Leu Val Ser Phe Gly Val Trp Ile Arg  
1 5 10

<210> 2763  
<211> 10  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2763

Tyr	Met	Asp	Asp	Val	Val	Leu	Gly	Ala	Lys
1				5					10

<210> 2764

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2764

Tyr	Ser	His	Pro	Ile	Ile	Leu	Gly	Phe	Arg
1				5					10

<210> 2765

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2765

Tyr	Ser	His	Pro	Ile	Ile	Leu	Gly	Phe	Arg	Lys
1				5						10

<210> 2766

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2766

Tyr	Ser	Leu	Asn	Phe	Met	Gly	Tyr
1				5			

<210> 2767

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2767

Ala	Phe	Pro	His	Cys	Leu	Ala	Phe
1				5			



<210> 2768  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2768  
Ala Phe Ser Ser Ala Gly Pro Cys Ala Leu  
1 5 10

<210> 2769  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2769  
Ala Phe Ser Tyr Met Asp Asp Val Val Leu  
1 5 10

<210> 2770  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2770  
Ala Phe Thr Phe Ser Pro Thr Tyr Lys Ala Phe  
1 5 10

<210> 2771  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2771  
Ala Met Gln Trp Asn Ser Thr Thr Phe  
1 5

<210> 2772  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2772

Ala Tyr Arg Pro Pro Asn Ala Pro Ile  
1 5

<210> 2773

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2773

Ala Tyr Arg Pro Pro Asn Ala Pro Ile Leu  
1 5 10

<210> 2774

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2774

Cys Phe Arg Lys Leu Pro Val Asn Arg Pro Ile  
1 5 10

<210> 2775

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2775

Asp Trp Lys Val Cys Gln Arg Ile  
1 5

<210> 2776

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2776

Asp Trp Lys Val Cys Gln Arg Ile Val Gly Leu  
1 5 10

<210> 2777

<211> 11

<212> PRT

<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2777  
Asp Tyr Gln Gly Met Leu Pro Val Cys Pro Leu  
1 5 10

<210> 2778  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2778  
Glu Tyr Leu Val Ser Phe Gly Val Trp  
1 5

<210> 2779  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2779  
Glu Tyr Leu Val Ser Phe Gly Val Trp Ile  
1 5 10

<210> 2780  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2780  
Phe Phe Cys Leu Trp Val Tyr Ile  
1 5

<210> 2781  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2781  
Phe Phe Leu Leu Thr Arg Ile Leu  
1 5

<210> 2782  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2782  
Phe Phe Leu Leu Thr Arg Ile Leu Thr Ile  
1 5 10

<210> 2783  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2783  
Phe Phe Pro Asp His Gln Leu Asp Pro Ala Phe  
1 5 10

<210> 2784  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2784  
Gly Phe Phe Leu Leu Thr Arg Ile  
1 5

<210> 2785  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2785  
Gly Phe Phe Leu Leu Thr Arg Ile Leu  
1 5

<210> 2786  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2786

Gly Phe Phe Leu Leu Thr Arg Ile Leu Thr Ile  
1 5 10

<210> 2787

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2787

Gly Phe Phe Pro Asp His Gln Leu  
1 5

<210> 2788

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2788

Gly Phe Leu Gly Pro Leu Leu Val Leu  
1 5

<210> 2789

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2789

Gly Phe Arg Lys Ile Pro Met Gly Val Gly Leu  
1 5 10

<210> 2790

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2790

Gly Met Asp Ile Asp Pro Tyr Lys Glu Phe  
1 5 10

<210> 2791

<211> 8

<212> PRT

<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2791  
Gly Met Leu Pro Val Cys Pro Leu  
1 5

<210> 2792  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2792  
Gly Trp Leu Trp Gly Met Asp Ile  
1 5

<210> 2793  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2793  
Gly Trp Ser Pro Gln Ala Gln Gly Ile  
1 5

<210> 2794  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2794  
Gly Trp Ser Pro Gln Ala Gln Gly Ile Leu  
1 5 10

<210> 2795  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2795  
Gly Tyr Pro Ala Leu Met Pro Leu  
1 5

<210> 2796

<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2796  
Gly Tyr Arg Trp Met Cys Leu Arg Arg Phe  
1 5 10

<210> 2797  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2797  
Gly Tyr Arg Trp Met Cys Leu Arg Arg Phe Ile  
1 5 10

<210> 2798  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2798  
Gly Tyr Ser Leu Asn Phe Met Gly Tyr Val Ile  
1 5 10

<210> 2799  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2799  
His Phe Ala Ser Pro Leu His Val Ala Trp  
1 5 10

<210> 2800  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2800  
His Phe Arg Lys Leu Leu Leu Leu

1

5

<210> 2801

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2801

His Tyr Leu His Thr Leu Trp Lys Ala Gly Ile  
1 5 10

<210> 2802

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2802

Ile Phe Phe Cys Leu Trp Val Tyr Ile  
1 5

<210> 2803

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2803

Ile Phe Leu Phe Ile Leu Leu Leu  
1 5

<210> 2804

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2804

Ile Phe Leu Phe Ile Leu Leu Leu Cys Leu  
1 5 10

<210> 2805

<211> 11

<212> PRT

<213> Artificial Sequence

<220>



<223> Artificially Synthesized Peptide

<400> 2805

Ile Phe Leu Phe Ile Leu Leu Leu Cys Leu Ile  
1 5 10

<210> 2806

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2806

Ile Trp Met Met Trp Tyr Trp Gly Pro Ser Leu  
1 5 10

<210> 2807

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2807

Lys Phe Ala Val Pro Asn Leu Gln Ser Leu  
1 5 10

<210> 2808

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2808

Lys Tyr Leu Pro Leu Asp Lys Gly Ile  
1 5

<210> 2809

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2809

Lys Tyr Thr Ser Phe Pro Trp Leu  
1 5

<210> 2810

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2810  
Lys Tyr Thr Ser Phe Pro Trp Leu Leu  
1 5

<210> 2811  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2811  
Leu Phe Ile Leu Leu Leu Cys Leu  
1 5

<210> 2812  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2812  
Leu Phe Ile Leu Leu Leu Cys Leu Ile  
1 5

<210> 2813  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2813  
Leu Phe Ile Leu Leu Leu Cys Leu Ile Phe  
1 5 10

<210> 2814  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2814  
Leu Phe Ile Leu Leu Leu Cys Leu Ile Phe Leu  
1 5 10

<210> 2815  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2815  
Leu Met Pro Leu Tyr Ala Cys Ile  
1 5

<210> 2816  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2816  
Leu Trp Phe His Ile Ser Cys Leu  
1 5

<210> 2817  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2817  
Leu Trp Phe His Ile Ser Cys Leu Thr Phe  
1 5 10

<210> 2818  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2818  
Leu Tyr Ser His Pro Ile Ile Leu  
1 5

<210> 2819  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2819  
Leu Tyr Ser His Pro Ile Ile Leu Gly Phe  
1 5 10

<210> 2820  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2820  
Met Met Trp Tyr Trp Gly Pro Ser Leu  
1 5

<210> 2821  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2821  
Met Trp Tyr Trp Gly Pro Ser Leu  
1 5

<210> 2822  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2822  
Asn Phe Leu Leu Ser Leu Gly Ile  
1 5

<210> 2823  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2823  
Asn Phe Leu Leu Ser Leu Gly Ile His Leu  
1 5 10

<210> 2824  
<211> 9  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2824

Asn Trp Ile Leu Arg Gly Thr Ser Phe  
1 5

<210> 2825

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2825

Pro Phe Leu Leu Ala Gln Phe Thr Ser Ala Ile  
1 5 10

<210> 2826

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2826

Pro Phe Thr Gln Cys Gly Tyr Pro Ala Leu  
1 5 10

<210> 2827

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2827

Pro Phe Val Gln Trp Phe Val Gly Leu  
1 5

<210> 2828

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2828

Pro Met Gly Val Gly Leu Ser Pro Phe  
1 5

<210> 2829  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2829  
Pro Met Gly Val Gly Leu Ser Pro Phe Leu  
1 5 10

<210> 2830  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2830  
Pro Met Gly Val Gly Leu Ser Pro Phe Leu Leu  
1 5 10

<210> 2831  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2831  
Pro Trp Leu Leu Gly Cys Ala Ala Asn Trp  
1 5 10

<210> 2832  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2832  
Pro Trp Leu Leu Gly Cys Ala Ala Asn Trp Ile  
1 5 10

<210> 2833  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2833

Pro Trp Thr His Lys Val Gly Asn Phe  
1 5

<210> 2834

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2834

Gln Trp Phe Val Gly Leu Ser Pro Thr Val Trp  
1 5 10

<210> 2835

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2835

Arg Phe Ile Ile Phe Leu Phe Ile  
1 5

<210> 2836

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2836

Arg Phe Ile Ile Phe Leu Phe Ile Leu  
1 5

<210> 2837

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2837

Arg Phe Ile Ile Phe Leu Phe Ile Leu Leu  
1 5 10

<210> 2838

<211> 11

<212> PRT

<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2838  
Arg Phe Ile Ile Phe Leu Phe Ile Leu Leu Leu  
1 5 10

<210> 2839  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2839  
Arg Phe Ser Trp Leu Ser Leu Leu  
1 5

<210> 2840  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2840  
Arg Phe Ser Trp Leu Ser Leu Leu Val Pro Phe  
1 5 10

<210> 2841  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2841  
Arg Trp Gly Tyr Ser Leu Asn Phe  
1 5

<210> 2842  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2842  
Arg Trp Met Cys Leu Arg Arg Phe  
1 5



<210> 2843  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2843  
Arg Trp Met Cys Leu Arg Arg Phe Ile  
1 5

<210> 2844  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2844  
Arg Trp Met Cys Leu Arg Arg Phe Ile Ile  
1 5 10

<210> 2845  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2845  
Arg Trp Met Cys Leu Arg Arg Phe Ile Ile Phe  
1 5 10

<210> 2846  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2846  
Ser Phe Cys Gly Ser Pro Tyr Ser Trp  
1 5

<210> 2847  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2847

Ser Phe Leu Pro Ser Asp Phe Phe  
1 5

<210> 2848  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2848  
Ser Phe Val Tyr Val Pro Ser Ala Leu  
1 5

<210> 2849  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2849  
Ser Trp Leu Ser Leu Asp Val Ser Ala Ala Phe  
1 5 10

<210> 2850  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2850  
Ser Trp Leu Ser Leu Leu Val Pro Phe  
1 5

<210> 2851  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2851  
Ser Trp Pro Lys Phe Ala Val Pro Asn Leu  
1 5 10

<210> 2852  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2852  
Ser Trp Trp Thr Ser Leu Asn Phe  
1 5

<210> 2853  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2853  
Ser Trp Trp Thr Ser Leu Asn Phe Leu  
1 5

<210> 2854  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2854  
Ser Tyr Met Asp Asp Val Val Leu  
1 5

<210> 2855  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2855  
Ser Tyr Gln His Phe Arg Lys Leu  
1 5

<210> 2856  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2856  
Ser Tyr Gln His Phe Arg Lys Leu Leu  
1 5

<210> 2857

<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2857  
Ser Tyr Gln His Phe Arg Lys Leu Leu Leu  
1 5 10

<210> 2858  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2858  
Ser Tyr Gln His Phe Arg Lys Leu Leu Leu Leu  
1 5 10

<210> 2859  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2859  
Thr Phe Gly Arg Glu Thr Val Leu  
1 5

<210> 2860  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2860  
Thr Phe Gly Arg Glu Thr Val Leu Glu Tyr Leu  
1 5 10

<210> 2861  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2861  
Thr Phe Ser Pro Thr Tyr Lys Ala Phe

1

5

<210> 2862  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2862  
Thr Phe Ser Pro Thr Tyr Lys Ala Phe Leu  
1 5 10

<210> 2863  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2863  
Val Phe Ala Asp Ala Thr Pro Thr Gly Trp  
1 5 10

<210> 2864  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2864  
Val Phe Val Leu Gly Gly Cys Arg His Lys Leu  
1 5 10

<210> 2865  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2865  
Trp Phe His Ile Ser Cys Leu Thr Phe  
1 5

<210> 2866  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2866

Trp Phe Val Gly Leu Ser Pro Thr Val Trp  
1 5 10

<210> 2867

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2867

Trp Phe Val Gly Leu Ser Pro Thr Val Trp Leu  
1 5 10

<210> 2868

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2868

Trp Met Cys Leu Arg Arg Phe Ile  
1 5

<210> 2869

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2869

Trp Met Cys Leu Arg Arg Phe Ile Ile  
1 5

<210> 2870

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2870

Trp Met Cys Leu Arg Arg Phe Ile Ile Phe  
1 5 10

<210> 2871

<211> 11

<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2871  
Trp Met Cys Leu Arg Arg Phe Ile Ile Phe Leu  
1 5 10

<210> 2872  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2872  
Trp Met Met Trp Tyr Trp Gly Pro Ser Leu  
1 5 10

<210> 2873  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2873  
Trp Trp Thr Ser Leu Asn Phe Leu  
1 5

<210> 2874  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2874  
Phe Ala Ala Pro Phe Thr Gln Cys Gly  
1 5

<210> 2875  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2875  
Phe Ala Asp Ala Thr Pro Thr Gly Trp  
1 5

<210> 2876  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2876  
Phe Ala Val Pro Asn Leu Gln Ser Leu  
1 5

<210> 2877  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2877  
Phe Gly Arg Glu Thr Val Leu Glu Tyr  
1 5

<210> 2878  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2878  
Phe Gly Val Glu Pro Ser Gly Ser Gly  
1 5

<210> 2879  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2879  
Phe His Ile Ser Cys Leu Thr Phe Gly  
1 5

<210> 2880  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide



<400> 2880

Phe His Leu Cys Leu Ile Ile Ser Cys  
1 5

<210> 2881

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2881

Phe Ile Leu Leu Leu Cys Leu Ile Phe  
1 5

<210> 2882

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2882

Phe Leu Phe Ile Leu Leu Leu Cys Leu  
1 5

<210> 2883

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2883

Phe Leu Gly Pro Leu Leu Val Leu Gln  
1 5

<210> 2884

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2884

Phe Leu Leu Thr Arg Ile Leu Thr Ile  
1 5

<210> 2885

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2885

Phe Leu Leu Val Leu Leu Asp Tyr Gln  
1 5

<210> 2886

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2886

Phe Pro Ala Gly Gly Ser Ser Ser Gly  
1 5

<210> 2887

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2887

Phe Pro Asp His Gln Leu Asp Pro Ala  
1 5

<210> 2888

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2888

Phe Pro His Cys Leu Ala Phe Ser Tyr  
1 5

<210> 2889

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2889

Phe Arg Lys Ile Pro Met Gly Val Gly  
1 5

<210> 2890  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2890  
Phe Arg Lys Leu Pro Val Asn Arg Pro  
1 5  
  
<210> 2891  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2891  
Phe Ser Ser Ala Gly Pro Cys Ala Leu  
1 5  
  
<210> 2892  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2892  
Phe Ser Trp Leu Ser Leu Leu Val Pro  
1 5  
  
<210> 2893  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2893  
Phe Thr Phe Ser Pro Thr Tyr Lys Ala  
1 5  
  
<210> 2894  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide

<150> US 08/820,360  
<151> 1997-03-12

<150> US 60/013,363  
<151> 1996-03-13

<150> US 08/197,484  
<151> 1994-02-16

<150> US 07/935,811  
<151> 1992-08-26

<150> US 07/874,491  
<151> 1992-04-27

<150> US 07/827,682  
<151> 1992-01-29

<150> US 08/978,291  
<151> 1997-11-25

<150> US 08/461,603  
<151> 1995-06-05

<160> 3879

<170> FastSEQ for Windows Version 4.0

<210> 1  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1  
Ala Ile Cys Ser Val Val Arg Arg Ala Phe  
1 5 10

<210> 2  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2  
Ala Leu Arg Gln Ala Ile Leu Cys Trp  
1 5

<210> 3  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3  
Ala Met Gln Trp Asn Ser Thr Thr Phe  
1 5

<210> 4  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 4  
Ala Ser Phe Cys Gly Ser Pro Tyr  
1 5

<210> 5  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 5  
Ala Ser Phe Cys Gly Ser Pro Tyr Ser Trp  
1 5 10

<210> 6  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 6  
Ala Ser Lys Leu Cys Leu Gly Trp  
1 5

<210> 7  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 7  
Ala Ser Lys Leu Cys Leu Gly Trp Leu Trp  
1 5 10

<210> 8  
<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 8  
Ala Ser Pro Leu His Val Ala Trp  
1 5

<210> 9  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 9  
Cys Ile Pro Ile Pro Ser Ser Trp  
1 5

<210> 10  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 10  
Cys Ile Pro Ile Pro Ser Ser Trp Ala Phe  
1 5 10

<210> 11  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 11  
Cys Leu Ile Phe Leu Leu Val Leu Leu Asp Tyr  
1 5 10

<210> 12  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 12  
Cys Leu Arg Arg Phe Ile Ile Phe  
1 5

<210> 13  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 13  
Cys Leu Arg Arg Phe Ile Ile Phe Leu Phe  
1 5 10

<210> 14  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 14  
Cys Ser Val Val Arg Arg Ala Phe  
1 5

<210> 15  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 15  
Cys Thr Cys Ile Pro Ile Pro Ser Ser Trp  
1 5 10

<210> 16  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 16  
Asp Ile Asp Pro Tyr Lys Glu Phe  
1 5

<210> 17  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 17  
Asp Leu Leu Asp Thr Ala Ser Ala Leu Tyr  
1 5 10

<210> 18  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 18  
Asp Ser Trp Trp Thr Ser Leu Asn Phe  
1 5

<210> 19  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 19  
Glu Leu Leu Ser Phe Leu Pro Ser Asp Phe  
1 5 10

<210> 20  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 20  
Glu Leu Leu Ser Phe Leu Pro Ser Asp Phe Phe  
1 5 10

<210> 21  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 21  
Glu Ser Arg Leu Val Val Asp Phe  
1 5

<210> 22  
<211> 11  
<212> PRT  
<213> Artificial Sequence



<220>  
<223> Artificially Synthesized Peptide  
  
<400> 22  
Glu Ser Arg Leu Val Val Asp Phe Ser Gln Phe  
1 5 10  
  
<210> 23  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 23  
Phe Ile Leu Leu Cys Leu Ile Phe  
1 5  
  
<210> 24  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 24  
Phe Leu Phe Ile Leu Leu Cys Leu Ile Phe  
1 5 10  
  
<210> 25  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 25  
Phe Leu Leu Val Leu Asp Tyr  
1 5  
  
<210> 26  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 26  
Phe Ser Pro Thr Tyr Lys Ala Phe  
1 5

<210> 27  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 27  
Phe Ser Ser Ala Gly Pro Cys Ala Leu Arg Phe  
1 5 10

<210> 28  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 28  
Phe Ser Trp Leu Ser Leu Leu Val Pro Phe  
1 5 10

<210> 29  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 29  
Phe Thr Phe Ser Pro Thr Tyr Lys Ala Phe  
1 5 10

<210> 30  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 30  
Phe Val Gly Leu Ser Pro Thr Val Trp  
1 5

<210> 31  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 31

Gly Leu Leu Gly Phe Ala Ala Pro Phe  
1 5

<210> 32  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 32  
Gly Leu Ser Pro Phe Leu Leu Ala Gln Phe  
1 5 10

<210> 33  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 33  
Gly Met Asp Ile Asp Pro Tyr Lys Glu Phe  
1 5 10

<210> 34  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 34  
Gly Val Trp Ile Arg Thr Pro Pro Ala Tyr  
1 5 10

<210> 35  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 35  
His Leu Asn Pro Asn Lys Thr Lys Arg Trp  
1 5 10

<210> 36  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 36  
His Leu Tyr Ser His Pro Ile Ile Leu Gly Phe  
1 5 10

<210> 37  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 37  
His Thr Ala Glu Leu Leu Ala Ala Cys Phe  
1 5 10

<210> 38  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 38  
His Thr Ala Leu Arg Gln Ala Ile Leu Cys Trp  
1 5 10

<210> 39  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 39  
His Thr Leu Trp Lys Ala Gly Ile Leu Tyr  
1 5 10

<210> 40  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 40  
Ile Leu Leu Leu Cys Leu Ile Phe  
1 5

<210> 41

<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 41  
Ile Leu Arg Gly Thr Ser Phe Val Tyr  
1 5

<210> 42  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 42  
Ile Leu Thr Ile Pro Gln Ser Leu Asp Ser Trp  
1 5 10

<210> 43  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 43  
Ile Val Gly Leu Leu Gly Phe Ala Ala Pro Phe  
1 5 10

<210> 44  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 44  
Lys Ile Pro Met Gly Val Gly Leu Ser Pro Phe  
1 5 10

<210> 45  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 45  
Lys Leu Cys Leu Gly Trp Leu Trp

1

5

<210> 46  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 46  
Lys Leu Ile Met Pro Ala Arg Phe  
1 5  
  
<210> 47  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 47  
Lys Leu Ile Met Pro Ala Arg Phe Tyr  
1 5  
  
<210> 48  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 48  
Lys Leu Pro Val Asn Arg Pro Ile Asp Trp  
1 5 10  
  
<210> 49  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 49  
Lys Thr Lys Arg Trp Gly Tyr Ser Leu Asn Phe  
1 5 10  
  
<210> 50  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>

<223> Artificially Synthesized Peptide

<400> 50

Lys Val Gly Asn Phe Thr Gly Leu Tyr  
1 5

<210> 51

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 51

Leu Ile Phe Leu Leu Val Leu Leu Asp Tyr  
1 5 10

<210> 52

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 52

Leu Ile Met Pro Ala Arg Phe Tyr  
1 5

<210> 53

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 53

Leu Leu Asp Thr Ala Ser Ala Leu Tyr  
1 5

<210> 54

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 54

Leu Leu Gly Cys Ala Ala Asn Trp  
1 5

<210> 55

<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 55  
Leu Leu Gly Phe Ala Ala Pro Phe  
1 5

<210> 56  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 56  
Leu Leu Pro Ile Phe Phe Cys Leu Trp  
1 5

<210> 57  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 57  
Leu Leu Pro Ile Phe Phe Cys Leu Trp Val Tyr  
1 5 10

<210> 58  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 58  
Leu Leu Ser Phe Leu Pro Ser Asp Phe  
1 5

<210> 59  
<211> 10,  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 59  
Leu Leu Ser Phe Leu Pro Ser Asp Phe Phe  
1 5 10



<210> 60  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 60  
Leu Leu Ser Ser Asn Leu Ser Trp  
1 5  
  
<210> 61  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 61  
Leu Leu Val Leu Gln Ala Gly Phe  
1 5  
  
<210> 62  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 62  
Leu Leu Val Leu Gln Ala Gly Phe Phe  
1 5  
  
<210> 63  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 63  
Leu Leu Val Pro Phe Val Gln Trp  
1 5  
  
<210> 64  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide

<400> 64

Leu Leu Val Pro Phe Val Gln Trp Phe  
1 5

<210> 65

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 65

Leu Leu Trp Phe His Ile Ser Cys Leu Thr Phe  
1 5 10

<210> 66

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 66

Leu Ser Phe Leu Pro Ser Asp Phe  
1 5

<210> 67

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 67

Leu Ser Phe Leu Pro Ser Asp Phe Phe  
1 5

<210> 68

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 68

Leu Ser Leu Asp Val Ser Ala Ala Phe  
1 5

<210> 69

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 69

Leu Ser Leu Asp Val Ser Ala Ala Phe Tyr  
1 5 10

<210> 70

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 70

Leu Ser Leu Leu Val Pro Phe Val Gln Trp  
1 5 10

<210> 71

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 71

Leu Ser Leu Leu Val Pro Phe Val Gln Trp Phe  
1 5 10

<210> 72

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 72

Leu Ser Leu Arg Gly Leu Pro Val Cys Ala Phe  
1 5 10

<210> 73

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 73

Leu Ser Pro Phe Leu Leu Ala Gln Phe  
1 5

<210> 74  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 74  
Leu Ser Pro Thr Val Trp Leu Ser Val Ile Trp  
1 5 10

<210> 75  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 75  
Leu Ser Arg Lys Tyr Thr Ser Phe  
1 5

<210> 76  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 76  
Leu Ser Arg Lys Tyr Thr Ser Phe Pro Trp  
1 5 10

<210> 77  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 77  
Leu Ser Val Pro Asn Pro Leu Gly Phe  
1 5

<210> 78  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide

<400> 78

Leu Thr Phe Gly Arg Glu Thr Val Leu Glu Tyr  
1 5 10

<210> 79

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 79

Leu Thr Ile Pro Gln Ser Leu Asp Ser Trp  
1 5 10

<210> 80

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 80

Leu Thr Ile Pro Gln Ser Leu Asp Ser Trp Trp  
1 5 10

<210> 81

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 81

Leu Thr Asn Leu Leu Ser Ser Asn Leu Ser Trp  
1 5 10

<210> 82

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 82

Leu Val Leu Gln Ala Gly Phe Phe  
1 5

<210> 83

<211> 8

<212> PRT

<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 83  
Leu Val Pro Phe Val Gln Trp Phe  
1 5

<210> 84  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 84  
Leu Val Val Asp Phe Ser Gln Phe  
1 5

<210> 85  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 85  
Met Met Trp Tyr Trp Gly Pro Ser Leu Tyr  
1 5 10

<210> 86  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 86  
Met Ser Thr Thr Asp Leu Glu Ala Tyr  
1 5

<210> 87  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 87  
Met Ser Thr Thr Asp Leu Glu Ala Tyr Phe  
1 5 10

<210> 88  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 88  
Asn Leu Gly Asn Leu Asn Val Ser Ile Pro Trp  
1 5 10

<210> 89  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 89  
Asn Leu Leu Ser Ser Asn Leu Ser Trp  
1 5

<210> 90  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 90  
Asn Leu Asn Val Ser Ile Pro Trp  
1 5

<210> 91  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 91  
Asn Leu Ser Val Pro Asn Pro Leu Gly Phe  
1 5 10

<210> 92  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 92

Asn Ser Val Val Leu Ser Arg Lys Tyr  
1 5

<210> 93  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 93  
Pro Ile Phe Phe Cys Leu Trp Val Tyr  
1 5

<210> 94  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 94  
Pro Ile Pro Ser Ser Trp Ala Phe  
1 5

<210> 95  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 95  
Pro Leu Asp Lys Gly Ile Lys Pro Tyr  
1 5

<210> 96  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 96  
Pro Leu Asp Lys Gly Ile Lys Pro Tyr Tyr  
1 5 10

<210> 97  
<211> 10  
<212> PRT  
<213> Artificial Sequence



<220>  
<223> Artificially Synthesized Peptide

<400> 97  
Pro Leu Leu Pro Ile Phe Phe Cys Leu Trp  
1 5 10

<210> 98  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 98  
Pro Leu Leu Val Leu Gln Ala Gly Phe  
1 5

<210> 99  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 99  
Pro Leu Leu Val Leu Gln Ala Gly Phe Phe  
1 5 10

<210> 100  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 100  
Pro Met Gly Val Gly Leu Ser Pro Phe  
1 5

<210> 101  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 101  
Pro Thr Thr Gly Arg Thr Ser Leu Tyr  
1 5

<210> 102

<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 102  
Pro Thr Val Trp Leu Ser Val Ile Trp  
1 5

<210> 103  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 103  
Pro Val Asn Arg Pro Ile Asp Trp  
1 5

<210> 104  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 104  
Gln Val Phe Ala Asp Ala Thr Pro Thr Gly Trp  
1 5 10

<210> 105  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 105  
Arg Ile Val Gly Leu Leu Gly Phe  
1 5

<210> 106  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 106  
Arg Leu Lys Leu Ile Met Pro Ala Arg Phe

1	5	10
---	---	----

<210> 107  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 107  
Arg Leu Lys Leu Ile Met Pro Ala Arg Phe Tyr  
1 5 10

<210> 108  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 108  
Arg Leu Val Val Asp Phe Ser Gln Phe  
1 5

<210> 109  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 109  
Arg Thr Pro Ala Arg Val Thr Gly Gly Val Phe  
1 5 10

<210> 110  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 110  
Ser Ile Pro Trp Thr His Lys Val Gly Asn Phe  
1 5 10

<210> 111  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 111

Ser Leu Asp Ser Trp Trp Thr Ser Leu Asn Phe  
1 5 10

<210> 112

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 112

Ser Leu Asp Val Ser Ala Ala Phe  
1 5

<210> 113

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 113

Ser Leu Asp Val Ser Ala Ala Phe Tyr  
1 5

<210> 114

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 114

Ser Leu Leu Val Pro Phe Val Gln Trp  
1 5

<210> 115

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 115

Ser Leu Leu Val Pro Phe Val Gln Trp Phe  
1 5 10

<210> 116

<211> 10

<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 116  
Ser Leu Arg Gly Leu Pro Val Cys Ala Phe  
1 5 10

<210> 117  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 117  
Ser Ser Ala Gly Pro Cys Ala Leu Arg Phe  
1 5 10

<210> 118  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 118  
Ser Thr Thr Asp Leu Glu Ala Tyr  
1 5

<210> 119  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 119  
Ser Thr Thr Asp Leu Glu Ala Tyr Phe  
1 5

<210> 120  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 120  
Ser Val Pro Asn Pro Leu Gly Phe  
1 5

<210> 121  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 121  
Ser Val Val Leu Ser Arg Lys Tyr  
1 5

<210> 122  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 122  
Ser Val Val Leu Ser Arg Lys Tyr Thr Ser Phe  
1 5 10

<210> 123  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 123  
Thr Ile Pro Gln Ser Leu Asp Ser Trp  
1 5

<210> 124  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 124  
Thr Ile Pro Gln Ser Leu Asp Ser Trp Trp  
1 5 10

<210> 125  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 125  
Thr Leu Trp Lys Ala Gly Ile Leu Tyr  
1 5

<210> 126  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 126  
Thr Thr Asp Leu Glu Ala Tyr Phe  
1 5

<210> 127  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 127  
Thr Thr Gly Arg Thr Ser Leu Tyr  
1 5

<210> 128  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 128  
Thr Val Gln Ala Ser Lys Leu Cys Leu Gly Trp  
1 5 10

<210> 129  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 129  
Thr Val Trp Leu Ser Val Ile Trp  
1 5

<210> 130  
<211> 9  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 130

Val Leu Ser Arg Lys Tyr Thr Ser Phe  
1 5

<210> 131

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 131

Val Leu Ser Arg Lys Tyr Thr Ser Phe Pro Trp  
1 5 10

<210> 132

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 132

Val Val Leu Ser Arg Lys Tyr Thr Ser Phe  
1 5 10

<210> 133

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 133

Trp Ile Leu Arg Gly Thr Ser Phe  
1 5

<210> 134

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 134

Trp Ile Leu Arg Gly Thr Ser Phe Val Tyr  
1 5 10



<210> 135  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 135  
Trp Ile Arg Thr Pro Pro Ala Tyr  
1 5

<210> 136  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 136  
Trp Leu Leu Gly Cys Ala Ala Asn Trp  
1 5

<210> 137  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 137  
Trp Leu Ser Leu Asp Val Ser Ala Ala Phe  
1 5 10

<210> 138  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 138  
Trp Leu Ser Leu Asp Val Ser Ala Ala Phe Tyr  
1 5 10

<210> 139  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 139  
Trp Leu Ser Leu Leu Val Pro Phe  
1 5

<210> 140  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 140  
Trp Leu Ser Leu Leu Val Pro Phe Val Gln Trp  
1 5 10

<210> 141  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 141  
Trp Leu Trp Gly Met Asp Ile Asp Pro Tyr  
1 5 10

<210> 142  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 142  
Trp Met Cys Leu Arg Arg Phe Ile Ile Phe  
1 5 10

<210> 143  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 143  
Trp Met Met Trp Tyr Trp Gly Pro Ser Leu Tyr  
1 5 10

<210> 144  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 144  
Trp Thr His Lys Val Gly Asn Phe  
1 5

<210> 145  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 145  
Tyr Leu Pro Leu Asp Lys Gly Ile Lys Pro Tyr  
1 5 10

<210> 146  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 146  
Tyr Leu Val Ser Phe Gly Val Trp  
1 5

<210> 147  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 147  
Tyr Ser His Pro Ile Ile Leu Gly Phe  
1 5

<210> 148  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 148  
Tyr Ser Leu Asn Phe Met Gly Tyr  
1 5

<210> 149  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 149  
Ala Ala Cys Phe Ala Arg Ser Arg Ser Gly Ala  
1 5 10

<210> 150  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 150  
Ala Ala Met Pro His Leu Leu Val  
1 5

<210> 151  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 151  
Ala Ala Asn Trp Ile Leu Arg Gly Thr  
1 5

<210> 152  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 152  
Ala Ala Pro Phe Thr Gln Cys Gly Tyr Pro Ala  
1 5 10

<210> 153  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 153

Ala Ile Cys Ser Val Val Arg Arg Ala  
1 5

<210> 154  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 154  
Ala Ile Leu Cys Trp Gly Glu Leu  
1 5

<210> 155  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 155  
Ala Ile Leu Cys Trp Gly Glu Leu Met  
1 5

<210> 156  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 156  
Ala Leu Met Pro Leu Tyr Ala Cys Ile  
1 5

<210> 157  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 157  
Ala Met Gln Trp Asn Ser Thr Thr  
1 5

<210> 158  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 158  
Ala Met Ser Thr Thr Asp Leu Glu Ala  
1 5

<210> 159  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 159  
Ala Gln Phe Thr Ser Ala Ile Cys Ser Val  
1 5 10

<210> 160  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 160  
Ala Gln Phe Thr Ser Ala Ile Cys Ser Val Val  
1 5 10

<210> 161  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 161  
Ala Thr Pro Thr Gly Trp Gly Leu  
1 5

<210> 162  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 162  
Ala Thr Pro Thr Gly Trp Gly Leu Ala  
1 5

<210> 163

<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 163  
Ala Thr Pro Thr Gly Trp Gly Leu Ala Ile  
1 5 10

<210> 164  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 164  
Ala Val Pro Asn Leu Gln Ser Leu  
1 5

<210> 165  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 165  
Ala Val Pro Asn Leu Gln Ser Leu Thr  
1 5

<210> 166  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 166  
Ala Val Pro Asn Leu Gln Ser Leu Thr Asn Leu  
1 5 10

<210> 167  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 167  
Cys Ala Ala Asn Trp Ile Leu Arg Gly Thr

1 5 10

<210> 168  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 168  
Cys Ala Phe Ser Ser Ala Gly Pro Cys Ala  
1 5 10

<210> 169  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 169  
Cys Ala Phe Ser Ser Ala Gly Pro Cys Ala Leu  
1 5 10

<210> 170  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 170  
Cys Ala Leu Arg Phe Thr Ser Ala  
1 5

<210> 171  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 171  
Cys Ile Pro Ile Pro Ser Ser Trp Ala  
1 5

<210> 172  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>



<223> Artificially Synthesized Peptide

<400> 172

Cys Ile Pro Ile Pro Ser Ser Trp Ala Phe Ala  
1 5 10

<210> 173

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 173

Cys Leu Ala Phe Ser Tyr Met Asp Asp Val  
1 5 10

<210> 174

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 174

Cys Leu Ala Phe Ser Tyr Met Asp Asp Val Val  
1 5 10

<210> 175

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 175

Cys Leu Gly Trp Leu Trp Gly Met  
1 5

<210> 176

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 176

Cys Leu Gly Trp Leu Trp Gly Met Asp Ile  
1 5 10

<210> 177

<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 177  
Cys Leu Ile Phe Leu Leu Val Leu  
1 5

<210> 178  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 178  
Cys Leu Ile Phe Leu Leu Val Leu Leu  
1 5

<210> 179  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 179  
Cys Leu Arg Arg Phe Ile Ile Phe Leu  
1 5

<210> 180  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 180  
Cys Leu Arg Arg Phe Ile Ile Phe Leu Phe Ile  
1 5 10

<210> 181  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 181  
Cys Leu Thr Phe Gly Arg Glu Thr  
1 5

<210> 182  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 182  
Cys Leu Thr Phe Gly Arg Glu Thr Val  
1 5

<210> 183  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 183  
Cys Gln Leu Asp Pro Ala Arg Asp Val  
1 5

<210> 184  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 184  
Cys Gln Leu Asp Pro Ala Arg Asp Val Leu  
1 5 10

<210> 185  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 185  
Cys Gln Arg Ile Val Gly Leu Leu  
1 5

<210> 186  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 186  
Cys Gln Arg Ile Val Gly Leu Leu Gly Phe Ala  
1 5 10

<210> 187  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 187  
Cys Gln Val Phe Ala Asp Ala Thr  
1 5

<210> 188  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 188  
Cys Gln Val Phe Ala Asp Ala Thr Pro Thr  
1 5 10

<210> 189  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 189  
Cys Thr Cys Ile Pro Ile Pro Ser Ser Trp Ala  
1 5 10

<210> 190  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 190  
Asp Ala Thr Pro Thr Gly Trp Gly Leu  
1 5

<210> 191  
<211> 10  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 191

Asp Ala Thr Pro Thr Gly Trp Gly Leu Ala  
1 5 10

<210> 192

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 192

Asp Ala Thr Pro Thr Gly Trp Gly Leu Ala Ile  
1 5 10

<210> 193

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 193

Asp Ile Asp Pro Tyr Lys Glu Phe Gly Ala  
1 5 10

<210> 194

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 194

Asp Leu Leu Asp Thr Ala Ser Ala  
1 5

<210> 195

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 195

Asp Leu Leu Asp Thr Ala Ser Ala Leu  
1 5

<210> 196  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 196  
Asp Leu Asn Leu Gly Asn Leu Asn Val  
1 5

<210> 197  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 197  
Asp Leu Asn Leu Gly Asn Leu Asn Val Ser Ile  
1 5 10

<210> 198  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 198  
Asp Thr Ala Ser Ala Leu Tyr Arg Glu Ala  
1 5 10

<210> 199  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 199  
Asp Thr Ala Ser Ala Leu Tyr Arg Glu Ala Leu  
1 5 10

<210> 200  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 200  
Asp Val Leu Cys Leu Arg Pro Val  
1 5

<210> 201  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 201  
Asp Val Leu Cys Leu Arg Pro Val Gly Ala  
1 5 10

<210> 202  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 202  
Asp Val Val Leu Gly Ala Lys Ser Val  
1 5

<210> 203  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 203  
Glu Ala Gly Pro Leu Glu Glu Glu Leu  
1 5

<210> 204  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 204  
Glu Leu Gly Glu Glu Ile Arg Leu  
1 5

<210> 205  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 205  
Glu Leu Leu Ala Ala Cys Phe Ala  
1 5

<210> 206  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 206  
Glu Thr Val Leu Glu Tyr Leu Val  
1 5

<210> 207  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 207  
Phe Ala Asp Ala Thr Pro Thr Gly Trp Gly Leu  
1 5 10

<210> 208  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 208  
Phe Ala Arg Ser Arg Ser Gly Ala  
1 5

<210> 209  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 209  
Phe Ala Ser Pro Leu His Val Ala  
1 5



<210> 210  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 210  
Phe Ala Val Pro Asn Leu Gln Ser Leu  
1 5

<210> 211  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 211  
Phe Ala Val Pro Asn Leu Gln Ser Leu Thr  
1 5 10

<210> 212  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 212  
Phe Ile Ile Phe Leu Phe Ile Leu  
1 5

<210> 213  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 213  
Phe Ile Ile Phe Leu Phe Ile Leu Leu  
1 5

<210> 214  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 214

Phe Ile Ile Phe Leu Phe Ile Leu Leu Leu  
1 5 10

<210> 215  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 215  
Phe Ile Leu Leu Leu Cys Leu Ile  
1 5

<210> 216  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 216  
Phe Ile Leu Leu Leu Cys Leu Ile Phe Leu  
1 5 10

<210> 217  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 217  
Phe Ile Leu Leu Leu Cys Leu Ile Phe Leu Leu  
1 5 10

<210> 218  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 218  
Phe Leu Phe Ile Leu Leu Cys Leu  
1 5

<210> 219  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 219  
Phe Leu Phe Ile Leu Leu Leu Cys Leu Ile  
1 5 10

<210> 220  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 220  
Phe Leu Gly Pro Leu Leu Val Leu  
1 5

<210> 221  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 221  
Phe Leu Gly Pro Leu Leu Val Leu Gln Ala  
1 5 10

<210> 222  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 222  
Phe Leu Leu Ala Gln Phe Thr Ser Ala  
1 5

<210> 223  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 223  
Phe Leu Leu Ala Gln Phe Thr Ser Ala Ile  
1 5 10

<210> 224

<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 224  
Phe Leu Leu Ser Leu Gly Ile His Leu  
1 5

<210> 225  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 225  
Phe Leu Leu Thr Arg Ile Leu Thr  
1 5

<210> 226  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 226  
Phe Leu Leu Thr Arg Ile Leu Thr Ile  
1 5

<210> 227  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 227  
Phe Leu Leu Val Leu Leu Asp Tyr Gln Gly Met  
1 5 10

<210> 228  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 228  
Phe Leu Val Asp Lys Asn Pro His Asn Thr

1                      5                      10

```
<210> 229
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>  
<223> Artificially Synthesized Peptide

```
<400> 229
Phe Thr Phe Ser Pro Thr Tyr Lys Ala
  1             5
```

```
<210> 230
<211> 11
<212> PRT
<213> Artificial Sequence
```

<220>  
<223> Artificially Synthesized Peptide

```
<400> 230
Phe Thr Phe Ser Pro Thr Tyr Lys Ala Phe Leu
  1                      5                      10
```

```
<210> 231
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>  
<223> Artificially Synthesized Peptide

<400> 231  
Phe Thr Gly Leu Tyr Ser Ser Thr  
1 5

```
<210> 232
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>  
<223> Artificially Synthesized Peptide

```
<400> 232
Phe Thr Gly Leu Tyr Ser Ser Thr Val
  1             5
```

```
<210> 233
<211> 8
<212> PRT
<213> Artificial Sequence
```

<220>

<223> Artificially Synthesized Peptide

<400> 233

Phe Thr Gln Cys Gly Tyr Pro Ala  
1 5

<210> 234

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 234

Phe Thr Gln Cys Gly Tyr Pro Ala Leu  
1 5

<210> 235

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 235

Phe Thr Gln Cys Gly Tyr Pro Ala Leu Met  
1 5 10

<210> 236

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 236

Phe Thr Ser Ala Ile Cys Ser Val  
1 5

<210> 237

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 237

Phe Thr Ser Ala Ile Cys Ser Val Val  
1 5

<210> 238

<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 238  
Phe Val Gly Leu Ser Pro Thr Val  
1 5

<210> 239  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 239  
Phe Val Gly Leu Ser Pro Thr Val Trp Leu  
1 5 10

<210> 240  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 240  
Phe Val Leu Gly Gly Cys Arg His Lys Leu  
1 5 10

<210> 241  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 241  
Phe Val Leu Gly Gly Cys Arg His Lys Leu Val  
1 5 10

<210> 242  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 242  
Phe Val Gln Trp Phe Val Gly Leu  
1 5

<210> 243  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 243  
Phe Val Gln Trp Phe Val Gly Leu Ser Pro Thr  
1 5 10

<210> 244  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 244  
Phe Val Tyr Val Pro Ser Ala Leu  
1 5

<210> 245  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 245  
Phe Val Tyr Val Pro Ser Ala Leu Asn Pro Ala  
1 5 10

<210> 246  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 246  
Gly Ala His Leu Ser Leu Arg Gly Leu  
1 5

<210> 247  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide



<400> 247  
Gly Ala His Leu Ser Leu Arg Gly Leu Pro Val  
1 5 10

<210> 248  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 248  
Gly Ala Lys Ser Val Gln His Leu  
1 5

<210> 249  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 249  
Gly Ala Lys Ser Val Gln His Leu Glu Ser Leu  
1 5 10

<210> 250  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 250  
Gly Ile His Leu Asn Pro Asn Lys Thr  
1 5

<210> 251  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 251  
Gly Ile Leu Tyr Lys Arg Glu Thr  
1 5

<210> 252  
<211> 9  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 252

Gly Ile Leu Tyr Lys Arg Glu Thr Thr  
1 5

<210> 253

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 253

Gly Leu Cys Gln Val Phe Ala Asp Ala  
1 5

<210> 254

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 254

Gly Leu Cys Gln Val Phe Ala Asp Ala Thr  
1 5 10

<210> 255

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 255

Gly Leu Leu Gly Phe Ala Ala Pro Phe Thr  
1 5 10

<210> 256

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 256

Gly Leu Leu Gly Trp Ser Pro Gln Ala  
1 5

<210> 257  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 257  
Gly Leu Pro Val Cys Ala Phe Ser Ser Ala  
1 5 10

<210> 258  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 258  
Gly Leu Ser Pro Phe Leu Leu Ala  
1 5

<210> 259  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 259  
Gly Leu Ser Pro Phe Leu Leu Ala Gln Phe Thr  
1 5 10

<210> 260  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 260  
Gly Leu Ser Pro Thr Val Trp Leu  
1 5

<210> 261  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 261  
Gly Leu Ser Pro Thr Val Trp Leu Ser Val  
1 5 10

<210> 262  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 262  
Gly Leu Ser Pro Thr Val Trp Leu Ser Val Ile  
1 5 10

<210> 263  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 263  
Gly Met Leu Pro Val Cys Pro Leu  
1 5

<210> 264  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 264  
Gly Thr Asp Asn Ser Val Val Leu  
1 5

<210> 265  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 265  
Gly Thr Asn Leu Ser Val Pro Asn Pro Leu  
1 5 10

<210> 266  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 266  
Gly Thr Ser Phe Val Tyr Val Pro Ser Ala  
1 5 10  
  
<210> 267  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 267  
Gly Thr Ser Phe Val Tyr Val Pro Ser Ala Leu  
1 5 10  
  
<210> 268  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 268  
Gly Val Gly Leu Ser Pro Phe Leu  
1 5  
  
<210> 269  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 269  
Gly Val Gly Leu Ser Pro Phe Leu Leu  
1 5  
  
<210> 270  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 270  
Gly Val Gly Leu Ser Pro Phe Leu Leu Ala  
1 5 10

<210> 271  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 271  
Gly Val Trp Ile Arg Thr Pro Pro Ala  
1 5

<210> 272  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 272  
His Ile Ser Cys Leu Thr Phe Gly Arg Glu Thr  
1 5 10

<210> 273  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 273  
His Leu Leu Val Gly Ser Ser Gly Leu  
1 5

<210> 274  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 274  
His Leu Ser Leu Arg Gly Leu Pro Val  
1 5

<210> 275  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 275

His Leu Ser Leu Arg Gly Leu Pro Val Cys Ala  
1 5 10

<210> 276

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 276

His Leu Tyr Ser His Pro Ile Ile  
1 5

<210> 277

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 277

His Leu Tyr Ser His Pro Ile Ile Leu  
1 5

<210> 278

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 278

His Thr Ala Glu Leu Leu Ala Ala  
1 5

<210> 279

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 279

His Thr Ala Glu Leu Leu Ala Ala Cys Phe Ala  
1 5 10

<210> 280

<211> 8

<212> PRT

<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 280  
His Thr Ala Leu Arg Gln Ala Ile  
1 5

<210> 281  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 281  
His Thr Ala Leu Arg Gln Ala Ile Leu  
1 5

<210> 282  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 282  
His Thr Leu Trp Lys Ala Gly Ile  
1 5

<210> 283  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 283  
His Thr Leu Trp Lys Ala Gly Ile Leu  
1 5

<210> 284  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 284  
Ile Ile Phe Leu Phe Ile Leu Leu  
1 5

<210> 285



<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 285  
Ile Ile Phe Leu Phe Ile Leu Leu Leu  
1 5

<210> 286  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 286  
Ile Ile Phe Leu Phe Ile Leu Leu Leu Cys Leu  
1 5 10

<210> 287  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 287  
Ile Ile Leu Gly Phe Arg Lys Ile  
1 5

<210> 288  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 288  
Ile Ile Leu Gly Phe Arg Lys Ile Pro Met  
1 5 10

<210> 289  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 289  
Ile Leu Cys Trp Gly Glu Leu Met

1

5

<210> 290  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 290  
Ile Leu Gly Phe Arg Lys Ile Pro Met  
1 5

<210> 291  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 291  
Ile Leu Leu Leu Cys Leu Ile Phe Leu  
1 5

<210> 292  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 292  
Ile Leu Leu Leu Cys Leu Ile Phe Leu Leu  
1 5 10

<210> 293  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 293  
Ile Leu Leu Leu Cys Leu Ile Phe Leu Leu Val  
1 5 10

<210> 294  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 294

Ile Leu Arg Gly Thr Ser Phe Val  
1 5

<210> 295

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 295

Ile Leu Arg Gly Thr Ser Phe Val Tyr Val  
1 5 10

<210> 296

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 296

Ile Leu Ser Thr Leu Pro Glu Thr  
1 5

<210> 297

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 297

Ile Leu Ser Thr Leu Pro Glu Thr Thr  
1 5

<210> 298

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 298

Ile Leu Ser Thr Leu Pro Glu Thr Thr Val  
1 5 10

<210> 299

<211> 11

<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 299  
Ile Leu Ser Thr Leu Pro Glu Thr Thr Val Val  
1 5 10

<210> 300  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 300  
Ile Leu Thr Ile Pro Gln Ser Leu  
1 5

<210> 301  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 301  
Ile Leu Tyr Lys Arg Glu Thr Thr  
1 5

<210> 302  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 302  
Ile Val Gly Leu Leu Gly Phe Ala  
1 5

<210> 303  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 303  
Ile Val Gly Leu Leu Gly Phe Ala Ala  
1 5

<210> 304  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 304  
Lys Ala Gly Ile Leu Tyr Lys Arg Glu Thr  
1 5 10

<210> 305  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 305  
Lys Ala Gly Ile Leu Tyr Lys Arg Glu Thr Thr  
1 5 10

<210> 306  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 306  
Lys Ile Pro Met Gly Val Gly Leu  
1 5

<210> 307  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 307  
Lys Leu Cys Leu Gly Trp Leu Trp Gly Met  
1 5 10

<210> 308  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 308

Lys Leu His Leu Tyr Ser His Pro Ile  
1 5

<210> 309

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 309

Lys Leu His Leu Tyr Ser His Pro Ile Ile  
1 5 10

<210> 310

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 310

Lys Leu His Leu Tyr Ser His Pro Ile Ile Leu  
1 5 10

<210> 311

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 311

Lys Leu Pro Val Asn Arg Pro Ile  
1 5

<210> 312

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 312

Lys Gln Ala Phe Thr Phe Ser Pro Thr  
1 5

<210> 313

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 313

Lys Thr Lys Arg Trp Gly Tyr Ser Leu  
1 5

<210> 314

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 314

Lys Val Cys Gln Arg Ile Val Gly Leu  
1 5

<210> 315

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 315

Lys Val Cys Gln Arg Ile Val Gly Leu Leu  
1 5 10

<210> 316

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 316

Lys Val Gly Asn Phe Thr Gly Leu  
1 5

<210> 317

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 317

Lys Val Leu His Lys Arg Thr Leu  
1 5

<210> 318  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 318  
Lys Val Leu His Lys Arg Thr Leu Gly Leu  
1 5 10

<210> 319  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 319  
Leu Ala Phe Ser Tyr Met Asp Asp Val  
1 5

<210> 320  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 320  
Leu Ala Phe Ser Tyr Met Asp Asp Val Val  
1 5 10

<210> 321  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 321  
Leu Ala Phe Ser Tyr Met Asp Asp Val Val Leu  
1 5 10

<210> 322  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide



<400> 322

Leu Ala Gln Phe Thr Ser Ala Ile  
1 5

<210> 323

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 323

Leu Ala Gln Phe Thr Ser Ala Ile Cys Ser Val  
1 5 10

<210> 324

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 324

Leu Ile Phe Leu Leu Val Leu Leu  
1 5

<210> 325

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 325

Leu Leu Ala Gln Phe Thr Ser Ala  
1 5

<210> 326

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 326

Leu Leu Ala Gln Phe Thr Ser Ala Ile  
1 5

<210> 327

<211> 8

<212> PRT

<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 327  
Leu Leu Cys Leu Ile Phe Leu Leu  
1 5

<210> 328  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 328  
Leu Leu Cys Leu Ile Phe Leu Leu Val  
1 5

<210> 329  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 329  
Leu Leu Cys Leu Ile Phe Leu Leu Val Leu  
1 5 10

<210> 330  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 330  
Leu Leu Cys Leu Ile Phe Leu Leu Val Leu Leu  
1 5 10

<210> 331  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 331  
Leu Leu Asp Thr Ala Ser Ala Leu  
1 5

<210> 332  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 332  
Leu Leu Asp Tyr Gln Gly Met Leu  
1 5

<210> 333  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 333  
Leu Leu Asp Tyr Gln Gly Met Leu Pro Val  
1 5 10

<210> 334  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 334  
Leu Leu Gly Cys Ala Ala Asn Trp Ile  
1 5

<210> 335  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 335  
Leu Leu Gly Cys Ala Ala Asn Trp Ile Leu  
1 5 10

<210> 336  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 336

Leu Leu Gly Phe Ala Ala Pro Phe Thr  
1 5

<210> 337  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 337  
Leu Leu Gly Trp Ser Pro Gln Ala  
1 5

<210> 338  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 338  
Leu Leu Gly Trp Ser Pro Gln Ala Gln Gly Ile  
1 5 10

<210> 339  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 339  
Leu Leu Leu Cys Leu Ile Phe Leu  
1 5

<210> 340  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 340  
Leu Leu Leu Cys Leu Ile Phe Leu Leu  
1 5

<210> 341  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 341  
Leu Leu Leu Cys Leu Ile Phe Leu Leu Val  
1 5 10

<210> 342  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 342  
Leu Leu Leu Cys Leu Ile Phe Leu Leu Val Leu  
1 5 10

<210> 343  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 343  
Leu Leu Pro Ile Phe Phe Cys Leu  
1 5

<210> 344  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 344  
Leu Leu Pro Ile Phe Phe Cys Leu Trp Val  
1 5 10

<210> 345  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 345  
Leu Leu Ser Leu Gly Ile His Leu  
1 5

<210> 346

<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 346  
Leu Leu Ser Ser Asn Leu Ser Trp Leu  
1 5

<210> 347  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 347  
Leu Leu Ser Ser Asn Leu Ser Trp Leu Ser Leu  
1 5 10

<210> 348  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 348  
Leu Leu Thr Arg Ile Leu Thr Ile  
1 5

<210> 349  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 349  
Leu Leu Val Gly Ser Ser Gly Leu  
1 5

<210> 350  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 350  
Leu Leu Val Leu Leu Asp Tyr Gln Gly Met

1 5 10

<210> 351  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 351  
Leu Leu Val Leu Leu Asp Tyr Gln Gly Met Leu  
1 5 10

<210> 352  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 352  
Leu Leu Val Leu Gln Ala Gly Phe Phe Leu  
1 5 10

<210> 353  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 353  
Leu Leu Val Leu Gln Ala Gly Phe Phe Leu Leu  
1 5 10

<210> 354  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 354  
Leu Leu Val Pro Phe Val Gln Trp Phe Val  
1 5 10

<210> 355  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 355

Leu Leu Trp Phe His Ile Ser Cys Leu  
1 5

<210> 356

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 356

Leu Leu Trp Phe His Ile Ser Cys Leu Thr  
1 5 10

<210> 357

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 357

Leu Met Pro Leu Tyr Ala Cys Ile  
1 5

<210> 358

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 358

Leu Gln Ala Gly Phe Phe Leu Leu  
1 5

<210> 359

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 359

Leu Gln Ala Gly Phe Phe Leu Leu Thr  
1 5

<210> 360

<211> 11



<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 360  
Leu Gln Ala Gly Phe Phe Leu Leu Thr Arg Ile  
1 5 10

<210> 361  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 361  
Leu Gln Ser Leu Thr Asn Leu Leu  
1 5

<210> 362  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 362  
Leu Thr Phe Gly Arg Glu Thr Val  
1 5

<210> 363  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 363  
Leu Thr Phe Gly Arg Glu Thr Val Leu  
1 5

<210> 364  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 364  
Leu Thr Asn Leu Leu Ser Ser Asn Leu  
1 5

<210> 365  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 365  
Leu Thr Arg Ile Leu Thr Ile Pro Gln Ser Leu  
1 5 10

<210> 366  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 366  
Leu Thr Val Asn Glu Lys Arg Arg Leu  
1 5

<210> 367  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 367  
Leu Val Asp Lys Asn Pro His Asn Thr  
1 5

<210> 368  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 368  
Leu Val Leu Leu Asp Tyr Gln Gly Met  
1 5

<210> 369  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 369

Leu Val Leu Leu Asp Tyr Gln Gly Met Leu  
1 5 10

<210> 370

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 370

Leu Val Leu Gln Ala Gly Phe Phe Leu  
1 5

<210> 371

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 371

Leu Val Leu Gln Ala Gly Phe Phe Leu Leu  
1 5 10

<210> 372

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 372

Leu Val Leu Gln Ala Gly Phe Phe Leu Leu Thr  
1 5 10

<210> 373

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 373

Leu Val Pro Phe Val Gln Trp Phe Val  
1 5

<210> 374

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 374

Leu Val Pro Phe Val Gln Trp Phe Val Gly Leu  
1 5 10

<210> 375

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 375

Leu Val Ser Phe Gly Val Trp Ile  
1 5

<210> 376

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 376

Leu Val Ser Phe Gly Val Trp Ile Arg Thr  
1 5 10

<210> 377

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 377

Met Met Trp Tyr Trp Gly Pro Ser Leu  
1 5

<210> 378

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 378

Met Gln Leu Phe His Leu Cys Leu  
1 5

<210> 379  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 379  
Asn Ala Pro Ile Leu Ser Thr Leu  
1 5

<210> 380  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 380  
Asn Ala Pro Ile Leu Ser Thr Leu Pro Glu Thr  
1 5 10

<210> 381  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 381  
Asn Leu Gly Asn Leu Asn Val Ser Ile  
1 5

<210> 382  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 382  
Asn Leu Leu Ser Ser Asn Leu Ser Trp Leu  
1 5 10

<210> 383  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 383  
Asn Leu Asn Val Ser Ile Pro Trp Thr  
1 5

<210> 384  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 384  
Asn Leu Gln Ser Leu Thr Asn Leu  
1 5

<210> 385  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 385  
Asn Leu Gln Ser Leu Thr Asn Leu Leu  
1 5

<210> 386  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 386  
Asn Leu Ser Val Pro Asn Pro Leu  
1 5

<210> 387  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 387  
Asn Leu Ser Trp Leu Ser Leu Asp Val  
1 5

<210> 388  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 388  
Asn Leu Ser Trp Leu Ser Leu Asp Val Ser Ala  
1 5 10

<210> 389  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 389  
Asn Val Ser Ile Pro Trp Thr His Lys Val  
1 5 10

<210> 390  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 390  
Pro Ala Ala Met Pro His Leu Leu  
1 5

<210> 391  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 391  
Pro Ala Ala Met Pro His Leu Leu Val  
1 5

<210> 392  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 392  
Pro Ala Asp Asp Pro Ser Arg Gly Arg Leu  
1 5 10

<210> 393  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 393  
Pro Ala Gly Gly Ser Ser Ser Gly Thr  
1 5

<210> 394  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 394  
Pro Ala Gly Gly Ser Ser Ser Gly Thr Val  
1 5 10

<210> 395  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 395  
Pro Ala Leu Met Pro Leu Tyr Ala  
1 5

<210> 396  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 396  
Pro Ala Leu Met Pro Leu Tyr Ala Cys Ile  
1 5 10

<210> 397  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 397



Pro Ala Pro Cys Asn Phe Phe Thr  
1 5

<210> 398  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 398  
Pro Ala Pro Cys Asn Phe Phe Thr Ser Ala  
1 5 10

<210> 399  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 399  
Pro Ala Arg Asp Val Leu Cys Leu  
1 5

<210> 400  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 400  
Pro Ala Arg Asp Val Leu Cys Leu Arg Pro Val  
1 5 10

<210> 401  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 401  
Pro Ala Arg Val Thr Gly Gly Val  
1 5

<210> 402  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 402  
Pro Ala Arg Val Thr Gly Gly Val Phe Leu  
1 5 10

<210> 403  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 403  
Pro Ala Arg Val Thr Gly Gly Val Phe Leu Val  
1 5 10

<210> 404  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 404  
Pro Ala Tyr Arg Pro Pro Asn Ala  
1 5

<210> 405  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 405  
Pro Ala Tyr Arg Pro Pro Asn Ala Pro Ile  
1 5 10

<210> 406  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 406  
Pro Ala Tyr Arg Pro Pro Asn Ala Pro Ile Leu  
1 5 10

<210> 407

<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 407  
Pro Ile Asp Trp Lys Val Cys Gln Arg Ile  
1 5 10

<210> 408  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 408  
Pro Ile Asp Trp Lys Val Cys Gln Arg Ile Val  
1 5 10

<210> 409  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 409  
Pro Ile Phe Phe Cys Leu Trp Val  
1 5

<210> 410  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 410  
Pro Ile Phe Phe Cys Leu Trp Val Tyr Ile  
1 5 10

<210> 411  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 411  
Pro Ile His Thr Ala Glu Leu Leu

1

5

<210> 412

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 412

Pro Ile His Thr Ala Glu Leu Leu Ala

1

5

<210> 413

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 413

Pro Ile His Thr Ala Glu Leu Leu Ala Ala

1

5

10

<210> 414

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 414

Pro Ile Ile Leu Gly Phe Arg Lys Ile

1

5

<210> 415

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 415

Pro Ile Ile Leu Gly Phe Arg Lys Ile Pro Met

1

5

10

<210> 416

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 416

Pro Ile Leu Ser Thr Leu Pro Glu Thr  
1 5

<210> 417

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 417

Pro Ile Leu Ser Thr Leu Pro Glu Thr Thr  
1 5 10

<210> 418

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 418

Pro Ile Leu Ser Thr Leu Pro Glu Thr Thr Val  
1 5 10

<210> 419

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 419

Pro Ile Pro Ser Ser Trp Ala Phe Ala  
1 5

<210> 420

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 420

Pro Leu Glu Glu Glu Leu Pro Arg Leu  
1 5

<210> 421

<211> 10

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 421  
Pro Leu Glu Glu Glu Leu Pro Arg Leu Ala  
1 5 10

<210> 422  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 422  
Pro Leu Gly Phe Phe Pro Asp His Gln Leu  
1 5 10

<210> 423  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 423  
Pro Leu His Pro Ala Ala Met Pro His Leu  
1 5 10

<210> 424  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 424  
Pro Leu His Pro Ala Ala Met Pro His Leu Leu  
1 5 10

<210> 425  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 425  
Pro Leu Leu Pro Ile Phe Phe Cys Leu  
1 5

<210> 426  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 426  
Pro Leu Leu Pro Ile Phe Phe Cys Leu Trp Val  
1 5 10

<210> 427  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 427  
Pro Leu Leu Val Leu Gln Ala Gly Phe Phe Leu  
1 5 10

<210> 428  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 428  
Pro Leu Pro Ile His Thr Ala Glu Leu  
1 5

<210> 429  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 429  
Pro Leu Pro Ile His Thr Ala Glu Leu Leu  
1 5 10

<210> 430  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 430  
Pro Leu Pro Ile His Thr Ala Glu Leu Leu Ala  
1 5 10

<210> 431  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 431  
Pro Leu Ser Tyr Gln His Phe Arg Lys Leu  
1 5 10

<210> 432  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 432  
Pro Leu Ser Tyr Gln His Phe Arg Lys Leu Leu  
1 5 10

<210> 433  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 433  
Pro Leu Thr Val Asn Glu Lys Arg Arg Leu  
1 5 10

<210> 434  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 434  
Pro Met Gly Val Gly Leu Ser Pro Phe Leu  
1 5 10

<210> 435  
<211> 11  
<212> PRT



<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 435

Pro Met Gly Val Gly Leu Ser Pro Phe Leu Leu  
1 5 10

<210> 436

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 436

Pro Gln Ala Met Gln Trp Asn Ser Thr  
1 5

<210> 437

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 437

Pro Gln Ala Met Gln Trp Asn Ser Thr Thr  
1 5 10

<210> 438

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 438

Pro Gln Ser Leu Asp Ser Trp Trp Thr  
1 5

<210> 439

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 439

Pro Gln Ser Leu Asp Ser Trp Trp Thr Ser Leu  
1 5 10

<210> 440  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 440  
Pro Thr Gly Trp Gly Leu Ala Ile  
1 5  
  
<210> 441  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 441  
Pro Thr Ser Asn His Ser Pro Thr  
1 5  
  
<210> 442  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 442  
Pro Thr Thr Gly Arg Thr Ser Leu  
1 5  
  
<210> 443  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 443  
Pro Thr Thr Gly Arg Thr Ser Leu Tyr Ala  
1 5 10  
  
<210> 444  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide

<400> 444  
Pro Thr Val Gln Ala Ser Lys Leu  
1 5

<210> 445  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 445  
Pro Thr Val Gln Ala Ser Lys Leu Cys Leu  
1 5 10

<210> 446  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 446  
Pro Thr Val Trp Leu Ser Val Ile  
1 5

<210> 447  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 447  
Pro Thr Val Trp Leu Ser Val Ile Trp Met  
1 5 10

<210> 448  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 448  
Pro Val Cys Ala Phe Ser Ser Ala  
1 5

<210> 449  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 449  
Pro Val Asn Arg Pro Ile Asp Trp Lys Val  
1 5 10

<210> 450  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 450  
Gln Ala Phe Thr Phe Ser Pro Thr  
1 5

<210> 451  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 451  
Gln Ala Phe Thr Phe Ser Pro Thr Tyr Lys Ala  
1 5 10

<210> 452  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 452  
Gln Ala Gly Phe Phe Leu Leu Thr  
1 5

<210> 453  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 453  
Gln Ala Gly Phe Phe Leu Leu Thr Arg Ile  
1 5 10

<210> 454  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 454  
Gln Ala Gly Phe Phe Leu Leu Thr Arg Ile Leu  
1 5 10

<210> 455  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 455  
Gln Ala Ile Leu Cys Trp Gly Glu Leu  
1 5

<210> 456  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 456  
Gln Ala Ile Leu Cys Trp Gly Glu Leu Met  
1 5 10

<210> 457  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 457  
Gln Ala Met Gln Trp Asn Ser Thr  
1 5

<210> 458  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 458

Gln Ala Met Gln Trp Asn Ser Thr Thr  
1 5

<210> 459  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 459  
Gln Ala Ser Lys Leu Cys Leu Gly Trp Leu  
1 5 10

<210> 460  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 460  
Gln Leu Asp Pro Ala Arg Asp Val  
1 5

<210> 461  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 461  
Gln Leu Asp Pro Ala Arg Asp Val Leu  
1 5

<210> 462  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 462  
Gln Leu Asp Pro Ala Arg Asp Val Leu Cys Leu  
1 5 10

<210> 463  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 463  
Gln Leu Leu Trp Phe His Ile Ser Cys Leu  
1 5 10

<210> 464  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 464  
Gln Leu Leu Trp Phe His Ile Ser Cys Leu Thr  
1 5 10

<210> 465  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 465  
Gln Val Phe Ala Asp Ala Thr Pro Thr  
1 5

<210> 466  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 466  
Arg Ala Phe Pro His Cys Leu Ala  
1 5

<210> 467  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 467  
Arg Ile Leu Thr Ile Pro Gln Ser Leu  
1 5

<210> 468

<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 468  
Arg Ile Val Gly Leu Leu Gly Phe Ala  
1 5

<210> 469  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 469  
Arg Ile Val Gly Leu Leu Gly Phe Ala Ala  
1 5 10

<210> 470  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 470  
Arg Leu Lys Leu Ile Met Pro Ala  
1 5

<210> 471  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 471  
Arg Gln Ala Ile Leu Cys Trp Gly Glu Leu  
1 5 10

<210> 472  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 472  
Arg Gln Ala Ile Leu Cys Trp Gly Glu Leu Met



1	5	10
---	---	----

<210> 473  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 473  
Arg Gln Leu Leu Trp Phe His Ile  
1 5

<210> 474  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 474  
Arg Gln Leu Leu Trp Phe His Ile Ser Cys Leu  
1 5 10

<210> 475  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 475  
Arg Gln Ser Gly Arg Gln Pro Thr  
1 5

<210> 476  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 476  
Arg Thr Pro Ala Arg Val Thr Gly Gly Val  
1 5 10

<210> 477  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 477

Arg Thr Pro Pro Ala Tyr Arg Pro Pro Asn Ala  
1 5 10

<210> 478

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 478

Arg Val Ala Glu Asp Leu Asn Leu  
1 5

<210> 479

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 479

Arg Val Ala Glu Asp Leu Asn Leu Gly Asn Leu  
1 5 10

<210> 480

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 480

Arg Val His Phe Ala Ser Pro Leu  
1 5

<210> 481

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 481

Arg Val His Phe Ala Ser Pro Leu His Val  
1 5 10

<210> 482

<211> 11

<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 482  
Arg Val His Phe Ala Ser Pro Leu His Val Ala  
1 5 10

<210> 483  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 483  
Arg Val Thr Gly Gly Val Phe Leu  
1 5

<210> 484  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 484  
Arg Val Thr Gly Gly Val Phe Leu Val  
1 5

<210> 485  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 485  
Ser Ala Gly Pro Cys Ala Leu Arg Phe Thr  
1 5 10

<210> 486  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 486  
Ser Ala Ile Cys Ser Val Val Arg Arg Ala  
1 5 10

<210> 487  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 487  
Ser Ala Leu Tyr Arg Glu Ala Leu  
1 5

<210> 488  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 488  
Ser Ile Pro Trp Thr His Lys Val  
1 5

<210> 489  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 489  
Ser Leu Asp Ser Trp Trp Thr Ser Leu  
1 5

<210> 490  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 490  
Ser Leu Gly Ile His Leu Asn Pro Asn Lys Thr  
1 5 10

<210> 491  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 491  
Ser Leu Leu Val Pro Phe Val Gln Trp Phe Val  
1 5 10

<210> 492  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 492  
Ser Leu Asn Phe Met Gly Tyr Val  
1 5

<210> 493  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 493  
Ser Leu Asn Phe Met Gly Tyr Val Ile  
1 5

<210> 494  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 494  
Ser Leu Arg Gly Leu Pro Val Cys Ala  
1 5

<210> 495  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 495  
Ser Leu Thr Asn Leu Leu Ser Ser Asn Leu  
1 5 10

<210> 496  
<211> 11  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 496

Ser Gln Ser Pro Thr Ser Asn His Ser Pro Thr  
1 5 10

<210> 497

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 497

Ser Thr Gly Pro Cys Lys Thr Cys Thr  
1 5

<210> 498

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 498

Ser Thr Leu Pro Glu Thr Thr Val  
1 5

<210> 499

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 499

Ser Thr Leu Pro Glu Thr Thr Val Val  
1 5

<210> 500

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 500

Ser Thr Asn Arg Gln Ser Gly Arg Gln Pro Thr  
1 5 10

<210> 501  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 501  
Ser Val Gln His Leu Glu Ser Leu  
1 5

<210> 502  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 502  
Ser Val Arg Phe Ser Trp Leu Ser Leu  
1 5

<210> 503  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 503  
Ser Val Arg Phe Ser Trp Leu Ser Leu Leu  
1 5 10

<210> 504  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 504  
Ser Val Arg Phe Ser Trp Leu Ser Leu Leu Val  
1 5 10

<210> 505  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 505

Ser Val Val Leu Ser Arg Lys Tyr Thr  
1 5

<210> 506

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 506

Ser Val Val Arg Arg Ala Phe Pro His Cys Leu  
1 5 10

<210> 507

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 507

Thr Ala Glu Leu Leu Ala Ala Cys Phe Ala  
1 5 10

<210> 508

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 508

Thr Ala Leu Arg Gln Ala Ile Leu  
1 5

<210> 509

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 509

Thr Ala Ser Ala Leu Tyr Arg Glu Ala  
1 5

<210> 510

<211> 10

<212> PRT

<213> Artificial Sequence



<220>  
<223> Artificially Synthesized Peptide

<400> 510  
Thr Ala Ser Ala Leu Tyr Arg Glu Ala Leu  
1 5 10

<210> 511  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 511  
Thr Ile Pro Gln Ser Leu Asp Ser Trp Trp Thr  
1 5 10

<210> 512  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 512  
Thr Leu Pro Glu Thr Thr Val Val  
1 5

<210> 513  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 513  
Thr Leu Trp Lys Ala Gly Ile Leu  
1 5

<210> 514  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 514  
Thr Gln Cys Gly Tyr Pro Ala Leu  
1 5

<210> 515  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 515  
Thr Gln Cys Gly Tyr Pro Ala Leu Met  
1 5

<210> 516  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 516  
Thr Gln Cys Gly Tyr Pro Ala Leu Met Pro Leu  
1 5 10

<210> 517  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 517  
Thr Thr Gly Arg Thr Ser Leu Tyr Ala  
1 5

<210> 518  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 518  
Thr Thr Ser Thr Gly Pro Cys Lys Thr  
1 5

<210> 519  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 519

Thr Thr Ser Thr Gly Pro Cys Lys Thr Cys Thr  
1 5 10

<210> 520  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 520  
Thr Val Asn Glu Lys Arg Arg Leu  
1 5

<210> 521  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 521  
Thr Val Gln Ala Ser Lys Leu Cys Leu  
1 5

<210> 522  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 522  
Thr Val Trp Leu Ser Val Ile Trp Met  
1 5

<210> 523  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 523  
Val Ala Glu Asp Leu Asn Leu Gly Asn Leu  
1 5 10

<210> 524  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 524  
Val Leu Cys Leu Arg Pro Val Gly Ala  
1 5

<210> 525  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 525  
Val Leu Gly Ala Lys Ser Val Gln His Leu  
1 5 10

<210> 526  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 526  
Val Leu Gly Gly Cys Arg His Lys Leu  
1 5

<210> 527  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 527  
Val Leu Gly Gly Cys Arg His Lys Leu Val  
1 5 10

<210> 528  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 528  
Val Leu His Lys Arg Thr Leu Gly Leu  
1 5

<210> 529

<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 529  
Val Leu Leu Asp Tyr Gln Gly Met  
1 5

<210> 530  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 530  
Val Leu Leu Asp Tyr Gln Gly Met Leu  
1 5

<210> 531  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 531  
Val Leu Leu Asp Tyr Gln Gly Met Leu Pro Val  
1 5 10

<210> 532  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 532  
Val Leu Gln Ala Gly Phe Phe Leu  
1 5

<210> 533  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 533  
Val Leu Gln Ala Gly Phe Phe Leu Leu

1

5

<210> 534  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 534  
Val Leu Gln Ala Gly Phe Phe Leu Leu Thr  
1 5 10

<210> 535  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 535  
Val Gln Ala Ser Lys Leu Cys Leu  
1 5

<210> 536  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 536  
Val Gln Ala Ser Lys Leu Cys Leu Gly Trp Leu  
1 5 10

<210> 537  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 537  
Val Gln Trp Phe Val Gly Leu Ser Pro Thr  
1 5 10

<210> 538  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 538

Val Gln Trp Phe Val Gly Leu Ser Pro Thr Val  
1 5 10

<210> 539

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 539

Val Thr Gly Gly Val Phe Leu Val  
1 5

<210> 540

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 540

Val Val Leu Gly Ala Lys Ser Val  
1 5

<210> 541

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 541

Val Val Leu Gly Ala Lys Ser Val Gln His Leu  
1 5 10

<210> 542

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 542

Val Val Leu Ser Arg Lys Tyr Thr  
1 5

<210> 543

<211> 10

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 543  
Val Val Arg Arg Ala Phe Pro His Cys Leu  
1 5 10

<210> 544  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 544  
Val Val Arg Arg Ala Phe Pro His Cys Leu Ala  
1 5 10

<210> 545  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 545  
Trp Ile Leu Arg Gly Thr Ser Phe Val  
1 5

<210> 546  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 546  
Trp Ile Leu Arg Gly Thr Ser Phe Val Tyr Val  
1 5 10

<210> 547  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 547  
Trp Leu Leu Gly Cys Ala Ala Asn Trp Ile  
1 5 10



<210> 548  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 548  
Trp Leu Leu Gly Cys Ala Ala Asn Trp Ile Leu  
1 5 10

<210> 549  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 549  
Trp Leu Ser Leu Asp Val Ser Ala  
1 5

<210> 550  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 550  
Trp Leu Ser Leu Asp Val Ser Ala Ala  
1 5

<210> 551  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 551  
Trp Leu Ser Leu Leu Val Pro Phe Val  
1 5

<210> 552  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide

<400> 552

Trp Met Cys Leu Arg Arg Phe Ile  
1 5

<210> 553

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 553

Trp Met Cys Leu Arg Arg Phe Ile Ile  
1 5

<210> 554

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 554

Trp Met Cys Leu Arg Arg Phe Ile Ile Phe Leu  
1 5 10

<210> 555

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 555

Trp Met Met Trp Tyr Trp Gly Pro Ser Leu  
1 5 10

<210> 556

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 556

Trp Thr His Lys Val Gly Asn Phe Thr  
1 5

<210> 557

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 557

Trp Thr His Lys Val Gly Asn Phe Thr Gly Leu  
1 5 10

<210> 558

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 558

Tyr Leu His Thr Leu Trp Lys Ala  
1 5

<210> 559

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 559

Tyr Leu His Thr Leu Trp Lys Ala Gly Ile  
1 5 10

<210> 560

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 560

Tyr Leu His Thr Leu Trp Lys Ala Gly Ile Leu  
1 5 10

<210> 561

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 561

Tyr Leu Pro Leu Asp Lys Gly Ile  
1 5

<210> 562  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 562  
Tyr Leu Val Ser Phe Gly Val Trp Ile  
1 5

<210> 563  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 563  
Tyr Leu Val Ser Phe Gly Val Trp Ile Arg Thr  
1 5 10

<210> 564  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 564  
Tyr Met Asp Asp Val Val Leu Gly Ala  
1 5

<210> 565  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 565  
Tyr Gln Gly Met Leu Pro Val Cys Pro Leu  
1 5 10

<210> 566  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 566

Tyr Gln His Phe Arg Lys Leu Leu  
1 5

<210> 567

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 567

Tyr Gln His Phe Arg Lys Leu Leu Leu  
1 5

<210> 568

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 568

Tyr Gln His Phe Arg Lys Leu Leu Leu Leu  
1 5 10

<210> 569

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 569

Tyr Thr Ser Phe Pro Trp Leu Leu  
1 5

<210> 570

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 570

Tyr Thr Ser Phe Pro Trp Leu Leu Gly Cys Ala  
1 5 10

<210> 571

<211> 9

<212> PRT

<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 571  
Tyr Val Pro Ser Ala Leu Asn Pro Ala  
1 5

<210> 572  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 572  
Ala Ala Cys Phe Ala Arg Ser Arg  
1 5

<210> 573  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 573  
Ala Ile Cys Ser Val Val Arg Arg  
1 5

<210> 574  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 574  
Ala Leu Asn Pro Ala Asp Asp Pro Ser Arg  
1 5 10

<210> 575  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 575  
Ala Leu Arg Phe Thr Ser Ala Arg  
1 5

<210> 576  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 576  
Ala Ser Pro Leu His Val Ala Trp Arg  
1 5

<210> 577  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 577  
Ala Ser Thr Asn Arg Gln Ser Gly Arg  
1 5

<210> 578  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 578  
Cys Ala Ala Asn Trp Ile Leu Arg  
1 5

<210> 579  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 579  
Cys Ala Leu Arg Phe Thr Ser Ala Arg  
1 5

<210> 580  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 580

Cys Leu Arg Pro Val Gly Ala Glu Ser Arg  
1 5 10

<210> 581  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 581  
Cys Ser Pro His His Thr Ala Leu Arg  
1 5

<210> 582  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 582  
Asp Leu Leu Asp Thr Ala Ser Ala Leu Tyr Arg  
1 5 10

<210> 583  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 583  
Asp Thr Ala Ser Ala Leu Tyr Arg  
1 5

<210> 584  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 584  
Glu Ala Gly Pro Leu Glu Glu Glu Leu Pro Arg  
1 5 10

<210> 585  
<211> 9  
<212> PRT  
<213> Artificial Sequence



<220>  
<223> Artificially Synthesized Peptide

<400> 585  
Glu Leu Leu Ala Ala Cys Phe Ala Arg  
1 5

<210> 586  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 586  
Glu Leu Leu Ala Ala Cys Phe Ala Arg Ser Arg  
1 5 10

<210> 587  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 587  
Glu Thr Thr Val Val Arg Arg Arg  
1 5

<210> 588  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 588  
Glu Thr Thr Val Val Arg Arg Arg Gly Arg  
1 5 10

<210> 589  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 589  
Phe Ala Ser Pro Leu His Val Ala Trp Arg  
1 5 10

<210> 590

<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 590  
Phe Ser Ser Ala Gly Pro Cys Ala Leu Arg  
1 5 10

<210> 591  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 591  
Phe Thr Phe Ser Pro Thr Tyr Lys  
1 5

<210> 592  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 592  
Phe Thr Ser Ala Ile Cys Ser Val Val Arg  
1 5 10

<210> 593  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 593  
Phe Thr Ser Ala Ile Cys Ser Val Val Arg Arg  
1 5 10

<210> 594  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 594  
Phe Val Leu Gly Gly Cys Arg His Lys

1

5

<210> 595

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 595

Gly Ile His Leu Asn Pro Asn Lys

1

5

<210> 596

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 596

Gly Ile His Leu Asn Pro Asn Lys Thr Lys

1

5

10

<210> 597

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 597

Gly Ile His Leu Asn Pro Asn Lys Thr Lys Arg

1

5

10

<210> 598

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 598

Gly Met Asp Ile Asp Pro Tyr Lys

1

5

<210> 599

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 599

Gly Thr Asp Asn Ser Val Val Leu Ser Arg  
1 5 10

<210> 600

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 600

Gly Thr Asp Asn Ser Val Val Leu Ser Arg Lys  
1 5 10

<210> 601

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 601

Gly Val Trp Ile Arg Thr Pro Pro Ala Tyr Arg  
1 5 10

<210> 602

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 602

His Ile Ser Cys Leu Thr Phe Gly Arg  
1 5

<210> 603

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 603

His Leu Asn Pro Asn Lys Thr Lys  
1 5

<210> 604

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 604  
His Leu Asn Pro Asn Lys Thr Lys Arg  
1 5

<210> 605  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 605  
His Thr Leu Trp Lys Ala Gly Ile Leu Tyr Lys  
1 5 10

<210> 606  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 606  
Ile Ser Cys Leu Thr Phe Gly Arg  
1 5

<210> 607  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 607  
Lys Ala Gly Ile Leu Tyr Lys Arg  
1 5

<210> 608  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 608  
Lys Leu Pro Val Asn Arg Pro Ile Asp Trp Lys  
1 5 10

<210> 609  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 609  
Lys Val Phe Val Leu Gly Gly Cys Arg  
1 5

<210> 610  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 610  
Leu Ala Ala Cys Phe Ala Arg Ser Arg  
1 5

<210> 611  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 611  
Leu Leu Ala Ala Cys Phe Ala Arg  
1 5

<210> 612  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 612  
Leu Leu Ala Ala Cys Phe Ala Arg Ser Arg  
1 5 10

<210> 613  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 613

Leu Leu Asp Thr Ala Ser Ala Leu Tyr Arg  
1 5 10

<210> 614

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 614

Leu Leu Gly Cys Ala Ala Asn Trp Ile Leu Arg  
1 5 10

<210> 615

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 615

Leu Ser Leu Gly Ile His Leu Asn Pro Asn Lys  
1 5 10

<210> 616

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 616

Leu Ser Thr Leu Pro Glu Thr Thr Val Val Arg  
1 5 10

<210> 617

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 617

Leu Ser Tyr Gln His Phe Arg Lys  
1 5

<210> 618

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 618

Leu Thr Val Asn Glu Lys Arg Arg  
1 5

<210> 619

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 619

Leu Val Ser Phe Gly Val Trp Ile Arg  
1 5

<210> 620

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 620

Leu Val Val Asp Phe Ser Gln Phe Ser Arg  
1 5 10

<210> 621

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 621

Met Ser Thr Thr Asp Leu Glu Ala Tyr Phe Lys  
1 5 10

<210> 622

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 622

Asn Leu Glu Asp Pro Ala Ser Arg  
1 5



<210> 623  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 623  
Asn Leu Asn Val Ser Ile Pro Trp Thr His Lys  
1 5 10

<210> 624  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 624  
Asn Ser Val Val Leu Ser Arg Lys  
1 5

<210> 625  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 625  
Asn Val Ser Ile Pro Trp Thr His Lys  
1 5

<210> 626  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 626  
Pro Ala Asp Asp Pro Ser Arg Gly Arg  
1 5

<210> 627  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 627

Pro Ala Arg Asp Val Leu Cys Leu Arg  
1 5

<210> 628

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 628

Pro Ala Ser Thr Asn Arg Gln Ser Gly Arg  
1 5 10

<210> 629

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 629

Pro Ile Asp Trp Lys Val Cys Gln Arg  
1 5

<210> 630

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 630

Pro Ile Ile Leu Gly Phe Arg Lys  
1 5

<210> 631

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 631

Pro Leu Glu Glu Leu Pro Arg  
1 5

<210> 632

<211> 8

<212> PRT

<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 632  
Pro Leu Ser Tyr Gln His Phe Arg  
1 5

<210> 633  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 633  
Pro Leu Ser Tyr Gln His Phe Arg Lys  
1 5

<210> 634  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 634  
Pro Leu Thr Val Asn Glu Lys Arg  
1 5

<210> 635  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 635  
Pro Leu Thr Val Asn Glu Lys Arg Arg  
1 5

<210> 636  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 636  
Pro Val Gly Ala Glu Ser Arg Gly Arg  
1 5

<210> 637  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 637  
Pro Val Asn Arg Pro Ile Asp Trp Lys  
1 5

0

<210> 638  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 638  
Gln Ala Phe Thr Phe Ser Pro Thr Tyr Lys  
1 5 10

<210> 639  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 639  
Gln Ala Gly Phe Phe Leu Leu Thr Arg  
1 5

<210> 640  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 640  
Gln Ser Pro Arg Arg Arg Arg Ser Gln Ser Arg  
1 5 10

<210> 641  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 641

Gln Ser Ser Gly Ile Leu Ser Arg  
1 5

<210> 642  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 642  
Arg Leu Lys Leu Ile Met Pro Ala Arg  
1 5

<210> 643  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 643  
Arg Leu Lys Val Phe Val Leu Gly Gly Cys Arg  
1 5 10

<210> 644  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 644  
Arg Leu Val Val Asp Phe Ser Gln Phe Ser Arg  
1 5 10

<210> 645  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 645  
Arg Ser Pro Arg Arg Arg Thr Pro Ser Pro Arg  
1 5 10

<210> 646  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 646  
Arg Ser Gln Ser Pro Arg Arg Arg  
1 5

<210> 647  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 647  
Arg Ser Gln Ser Pro Arg Arg Arg Arg  
1 5

<210> 648  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 648  
Arg Thr Pro Ser Pro Arg Arg Arg  
1 5

<210> 649  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 649  
Arg Thr Pro Ser Pro Arg Arg Arg Arg  
1 5

<210> 650  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 650  
Arg Val Thr Gly Gly Val Phe Leu Val Asp Lys  
1 5 10

<210> 651

<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 651  
Ser Ala Gly Pro Cys Ala Leu Arg  
1 5

<210> 652  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 652  
Ser Ala Ile Cys Ser Val Val Arg  
1 5

<210> 653  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 653  
Ser Ala Ile Cys Ser Val Val Arg Arg  
1 5

<210> 654  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 654  
Ser Ala Leu Asn Pro Ala Asp Asp Pro Ser Arg  
1 5 10

<210> 655  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 655  
Ser Leu Gly Ile His Leu Asn Pro Asn Lys





<223> Artificially Synthesized Peptide

<400> 660

Ser Thr Thr Asp Leu Glu Ala Tyr Phe Lys  
1 5 10

<210> 661

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 661

Thr Ala Glu Leu Leu Ala Ala Cys Phe Ala Arg  
1 5 10

<210> 662

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 662

Thr Leu Pro Glu Thr Thr Val Val Arg  
1 5

<210> 663

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 663

Thr Leu Pro Glu Thr Thr Val Val Arg Arg  
1 5 10

<210> 664

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 664

Thr Leu Pro Glu Thr Thr Val Val Arg Arg Arg  
1 5 10

<210> 665

<211> 10

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 665  
Thr Leu Trp Lys Ala Gly Ile Leu Tyr Lys  
1 5 10

<210> 666  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 666  
Thr Leu Trp Lys Ala Gly Ile Leu Tyr Lys Arg  
1 5 10

<210> 667  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 667  
Thr Ser Ala Ile Cys Ser Val Val Arg  
1 5

<210> 668  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 668  
Thr Ser Ala Ile Cys Ser Val Val Arg Arg  
1 5 10

<210> 669  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 669  
Thr Thr Asp Leu Glu Ala Tyr Phe Lys  
1 5

<210> 670  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 670  
Thr Thr Ser Thr Gly Pro Cys Lys  
1 5

<210> 671  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 671  
Thr Thr Val Val Arg Arg Arg Gly Arg  
1 5

<210> 672  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 672  
Thr Val Val Arg Arg Arg Gly Arg  
1 5

<210> 673  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 673  
Thr Val Val Arg Arg Arg Gly Arg Ser Pro Arg  
1 5 10

<210> 674  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 674  
Val Leu Gly Gly Cys Arg His Lys  
1 5

<210> 675  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 675  
Val Leu Gln Ala Gly Phe Phe Leu Leu Thr Arg  
1 5 10

<210> 676  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 676  
Val Ser Phe Gly Val Trp Ile Arg  
1 5

<210> 677  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 677  
Val Ser Ile Pro Trp Thr His Lys  
1 5

<210> 678  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 678  
Val Thr Gly Gly Val Phe Leu Val Asp Lys  
1 5 10

<210> 679  
<211> 9  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 679

Val Val Asp Phe Ser Gln Phe Ser Arg  
1 5

<210> 680

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 680

Val Val Arg Arg Arg Gly Arg Ser Pro Arg  
1 5 10

<210> 681

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 681

Val Val Arg Arg Arg Gly Arg Ser Pro Arg Arg  
1 5 10

<210> 682

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 682

Trp Ile Arg Thr Pro Pro Ala Tyr Arg  
1 5

<210> 683

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 683

Trp Leu Gln Phe Arg Asn Ser Lys  
1 5

<210> 684  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 684  
Trp Leu Trp Gly Met Asp Ile Asp Pro Tyr Lys  
1 5 10

<210> 685  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 685  
Tyr Leu Pro Leu Asp Lys Gly Ile Lys  
1 5

<210> 686  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 686  
Tyr Leu Val Ser Phe Gly Val Trp Ile Arg  
1 5 10

<210> 687  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 687  
Tyr Met Asp Asp Val Val Leu Gly Ala Lys  
1 5 10

<210> 688  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide

<400> 688

Tyr Ser His Pro Ile Ile Leu Gly Phe Arg  
1 5 10

<210> 689

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 689

Tyr Ser His Pro Ile Ile Leu Gly Phe Arg Lys  
1 5 10

<210> 690

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 690

Ala Phe Pro His Cys Leu Ala Phe  
1 5

<210> 691

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 691

Ala Phe Pro His Cys Leu Ala Phe Ser Tyr  
1 5 10

<210> 692

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 692

Ala Phe Pro His Cys Leu Ala Phe Ser Tyr Met  
1 5 10

<210> 693

<211> 10

<212> PRT

<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 693  
Ala Phe Ser Ser Ala Gly Pro Cys Ala Leu  
1 5 10

<210> 694  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 694  
Ala Phe Ser Tyr Met Asp Asp Val Val Leu  
1 5 10

<210> 695  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 695  
Ala Phe Thr Phe Ser Pro Thr Tyr  
1 5

<210> 696  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 696  
Ala Phe Thr Phe Ser Pro Thr Tyr Lys Ala Phe  
1 5 10

<210> 697  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 697  
Ala Ile Cys Ser Val Val Arg Arg Ala Phe  
1 5 10



<210> 698  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 698  
Ala Ile Leu Cys Trp Gly Glu Leu  
1 5

<210> 699  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 699  
Ala Ile Leu Cys Trp Gly Glu Leu Met  
1 5

<210> 700  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 700  
Ala Leu Met Pro Leu Tyr Ala Cys Ile  
1 5

<210> 701  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 701  
Ala Leu Arg Gln Ala Ile Leu Cys Trp  
1 5

<210> 702  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 702

Ala Met Gln Trp Asn Ser Thr Thr Phe  
1 5

<210> 703  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 703  
Ala Thr Pro Thr Gly Trp Gly Leu  
1 5

<210> 704  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 704  
Ala Thr Pro Thr Gly Trp Gly Leu Ala Ile  
1 5 10

<210> 705  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 705  
Ala Val Pro Asn Leu Gln Ser Leu  
1 5

<210> 706  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 706  
Ala Val Pro Asn Leu Gln Ser Leu Thr Asn Leu  
1 5 10

<210> 707  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 707  
Ala Tyr Arg Pro Pro Asn Ala Pro Ile  
1 5

<210> 708  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 708  
Ala Tyr Arg Pro Pro Asn Ala Pro Ile Leu  
1 5 10

<210> 709  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 709  
Cys Phe Arg Lys Leu Pro Val Asn Arg Pro Ile  
1 5 10

<210> 710  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 710  
Cys Ile Pro Ile Pro Ser Ser Trp  
1 5

<210> 711  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 711  
Cys Ile Pro Ile Pro Ser Ser Trp Ala Phe  
1 5 10

<210> 712

<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 712  
Cys Leu Gly Trp Leu Trp Gly Met  
1 5

<210> 713  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 713  
Cys Leu Gly Trp Leu Trp Gly Met Asp Ile  
1 5 10

<210> 714  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 714  
Cys Leu Ile Phe Leu Leu Val Leu  
1 5

<210> 715  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 715  
Cys Leu Ile Phe Leu Leu Val Leu Leu  
1 5

<210> 716  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 716  
Cys Leu Ile Phe Leu Leu Val Leu Leu Asp Tyr

<220>  
<223> Artificially Synthesized Peptide

```
<210> 718
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>  
<223> Artificially Synthesized Peptide

```
<210> 719
<211> 10
<212> PRT
<213> Artificial Sequence
```

<220>  
<223> Artificially Synthesized Peptide

```
<210> 720
<211> 11
<212> PRT
<213> Artificial Sequence
```

<220>  
<223> Artificially Synthesized Peptide

```
<210> 721
<211> 10
<212> PRT
<213> Artificial Sequence
```

<220>

<223> Artificially Synthesized Peptide

<400> 721

Cys Thr Cys Ile Pro Ile Pro Ser Ser Trp  
1 5 10

<210> 722

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 722

Asp Ile Asp Pro Tyr Lys Glu Phe  
1 5

<210> 723

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 723

Asp Leu Leu Asp Thr Ala Ser Ala Leu  
1 5

<210> 724

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 724

Asp Leu Leu Asp Thr Ala Ser Ala Leu Tyr  
1 5 10

<210> 725

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 725

Asp Leu Asn Leu Gly Asn Leu Asn Val Ser Ile  
1 5 10

<210> 726

<211> 11

<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 726  
Asp Thr Ala Ser Ala Leu Tyr Arg Glu Ala Leu  
1 5 10

<210> 727  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 727  
Asp Trp Lys Val Cys Gln Arg Ile  
1 5

<210> 728  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 728  
Asp Trp Lys Val Cys Gln Arg Ile Val Gly Leu  
1 5 10

<210> 729  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 729  
Asp Tyr Gln Gly Met Leu Pro Val Cys Pro Leu  
1 5 10

<210> 730  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 730  
Glu Leu Gly Glu Glu Ile Arg Leu  
1 5

<210> 731  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 731  
Glu Leu Leu Ser Phe Leu Pro Ser Asp Phe  
1 5 10

<210> 732  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 732  
Glu Leu Leu Ser Phe Leu Pro Ser Asp Phe Phe  
1 5 10

<210> 733  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 733  
Glu Tyr Leu Val Ser Phe Gly Val Trp  
1 5

<210> 734  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 734  
Glu Tyr Leu Val Ser Phe Gly Val Trp Ile  
1 5 10

<210> 735  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide



<400> 735

Phe Phe Cys Leu Trp Val Tyr Ile  
1 5

<210> 736

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 736

Phe Phe Leu Leu Thr Arg Ile Leu  
1 5

<210> 737

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 737

Phe Phe Leu Leu Thr Arg Ile Leu Thr Ile  
1 5 10

<210> 738

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 738

Phe Phe Pro Asp His Gln Leu Asp Pro Ala Phe  
1 5 10

<210> 739

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 739

Phe Ile Ile Phe Leu Phe Ile Leu  
1 5

<210> 740

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 740

Phe Ile Ile Phe Leu Phe Ile Leu Leu  
1 5

<210> 741

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 741

Phe Ile Ile Phe Leu Phe Ile Leu Leu Leu  
1 5 10

<210> 742

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 742

Phe Ile Leu Leu Leu Cys Leu Ile  
1 5

<210> 743

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 743

Phe Ile Leu Leu Leu Cys Leu Ile Phe  
1 5

<210> 744

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 744

Phe Ile Leu Leu Leu Cys Leu Ile Phe Leu  
1 5 10

<210> 745  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 745  
Phe Ile Leu Leu Leu Cys Leu Ile Phe Leu Leu  
1 5 10

<210> 746  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 746  
Phe Leu Phe Ile Leu Leu Leu Cys Leu  
1 5

<210> 747  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 747  
Phe Leu Phe Ile Leu Leu Leu Cys Leu Ile  
1 5 10

<210> 748  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 748  
Phe Leu Phe Ile Leu Leu Leu Cys Leu Ile Phe  
1 5 10

<210> 749  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 749

Phe Leu Gly Pro Leu Leu Val Leu  
1 5

<210> 750

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 750

Phe Leu Leu Ala Gln Phe Thr Ser Ala Ile  
1 5 10

<210> 751

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 751

Phe Leu Leu Ser Leu Gly Ile His Leu  
1 5

<210> 752

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 752

Phe Leu Leu Thr Arg Ile Leu Thr Ile  
1 5

<210> 753

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 753

Phe Leu Leu Val Leu Leu Asp Tyr  
1 5

<210> 754

<211> 11

<212> PRT

<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 754  
Phe Leu Leu Val Leu Leu Asp Tyr Gln Gly Met  
1 5 10

<210> 755  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 755  
Phe Thr Phe Ser Pro Thr Tyr Lys Ala Phe  
1 5 10

<210> 756  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 756  
Phe Thr Phe Ser Pro Thr Tyr Lys Ala Phe Leu  
1 5 10

<210> 757  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 757  
Phe Thr Gln Cys Gly Tyr Pro Ala Leu  
1 5

<210> 758  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 758  
Phe Thr Gln Cys Gly Tyr Pro Ala Leu Met  
1 5 10

<210> 759  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 759  
Phe Val Gly Leu Ser Pro Thr Val Trp  
1 5

<210> 760  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 760  
Phe Val Gly Leu Ser Pro Thr Val Trp Leu  
1 5 10

<210> 761  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 761  
Phe Val Leu Gly Gly Cys Arg His Lys Leu  
1 5 10

<210> 762  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 762  
Phe Val Gln Trp Phe Val Gly Leu  
1 5

<210> 763  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 763

Phe Val Tyr Val Pro Ser Ala Leu  
1 5

<210> 764  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 764  
Gly Phe Ala Ala Pro Phe Thr Gln Cys Gly Tyr  
1 5 10

<210> 765  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 765  
Gly Phe Phe Leu Leu Thr Arg Ile  
1 5

<210> 766  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 766  
Gly Phe Phe Leu Leu Thr Arg Ile Leu  
1 5

<210> 767  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 767  
Gly Phe Phe Leu Leu Thr Arg Ile Leu Thr Ile  
1 5 10

<210> 768  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 768  
Gly Phe Phe Pro Asp His Gln Leu  
1 5

<210> 769  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 769  
Gly Phe Leu Gly Pro Leu Leu Val Leu  
1 5

<210> 770  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 770  
Gly Phe Arg Lys Ile Pro Met Gly Val Gly Leu  
1 5 10

<210> 771  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 771  
Gly Leu Leu Gly Phe Ala Ala Pro Phe  
1 5

<210> 772  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 772  
Gly Leu Ser Pro Phe Leu Leu Ala Gln Phe  
1 5 10

<210> 773



<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 773  
Gly Leu Ser Pro Thr Val Trp Leu  
1 5

<210> 774  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 774  
Gly Leu Ser Pro Thr Val Trp Leu Ser Val Ile  
1 5 10

<210> 775  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 775  
Gly Met Asp Ile Asp Pro Tyr Lys Glu Phe  
1 5 10

<210> 776  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 776  
Gly Met Leu Pro Val Cys Pro Leu  
1 5

<210> 777  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 777  
Gly Thr Asp Asn Ser Val Val Leu

1

5

<210> 778

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 778

Gly Thr Asn Leu Ser Val Pro Asn Pro Leu  
1 5 10

<210> 779

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 779

Gly Thr Ser Phe Val Tyr Val Pro Ser Ala Leu  
1 5 10

<210> 780

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 780

Gly Val Gly Leu Ser Pro Phe Leu  
1 5

<210> 781

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 781

Gly Val Gly Leu Ser Pro Phe Leu Leu  
1 5

<210> 782

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 782

Gly Val Trp Ile Arg Thr Pro Pro Ala Tyr  
1 5 10

<210> 783

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 783

Gly Trp Leu Trp Gly Met Asp Ile  
1 5

<210> 784

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 784

Gly Trp Leu Trp Gly Met Asp Ile Asp Pro Tyr  
1 5 10

<210> 785

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 785

Gly Trp Ser Pro Gln Ala Gln Gly Ile  
1 5

<210> 786

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 786

Gly Trp Ser Pro Gln Ala Gln Gly Ile Leu  
1 5 10

<210> 787

<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 787  
Gly Tyr Pro Ala Leu Met Pro Leu  
1 5

<210> 788  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 788  
Gly Tyr Pro Ala Leu Met Pro Leu Tyr  
1 5

<210> 789  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 789  
Gly Tyr Arg Trp Met Cys Leu Arg Arg Phe  
1 5 10

<210> 790  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 790  
Gly Tyr Arg Trp Met Cys Leu Arg Arg Phe Ile  
1 5 10

<210> 791  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 791  
Gly Tyr Ser Leu Asn Phe Met Gly Tyr  
1 5

<210> 792  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 792  
Gly Tyr Ser Leu Asn Phe Met Gly Tyr Val Ile  
1 5 10

<210> 793  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 793  
His Phe Ala Ser Pro Leu His Val Ala Trp  
1 5 10

<210> 794  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 794  
His Phe Arg Lys Leu Leu Leu Leu  
1 5

<210> 795  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 795  
His Leu Leu Val Gly Ser Ser Gly Leu  
1 5

<210> 796  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 796  
His Leu Asn Pro Asn Lys Thr Lys Arg Trp  
1 5 10

<210> 797  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 797  
His Leu Tyr Ser His Pro Ile Ile  
1 5

<210> 798  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 798  
His Leu Tyr Ser His Pro Ile Ile Leu  
1 5

<210> 799  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 799  
His Leu Tyr Ser His Pro Ile Ile Leu Gly Phe  
1 5 10

<210> 800  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 800  
His Thr Ala Glu Leu Leu Ala Ala Cys Phe  
1 5 10

<210> 801  
<211> 8  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 801

His Thr Ala Leu Arg Gln Ala Ile  
1 5

<210> 802

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 802

His Thr Ala Leu Arg Gln Ala Ile Leu  
1 5

<210> 803

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 803

His Thr Ala Leu Arg Gln Ala Ile Leu Cys Trp  
1 5 10

<210> 804

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 804

His Thr Leu Trp Lys Ala Gly Ile  
1 5

<210> 805

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 805

His Thr Leu Trp Lys Ala Gly Ile Leu  
1 5

<210> 806  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 806  
His Thr Leu Trp Lys Ala Gly Ile Leu Tyr  
1 5 10

<210> 807  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 807  
His Tyr Leu His Thr Leu Trp Lys Ala Gly Ile  
1 5 10

<210> 808  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 808  
Ile Phe Phe Cys Leu Trp Val Tyr  
1 5

<210> 809  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 809  
Ile Phe Phe Cys Leu Trp Val Tyr Ile  
1 5

<210> 810  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide



<400> 810  
Ile Phe Leu Phe Ile Leu Leu Leu  
1 5

<210> 811  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 811  
Ile Phe Leu Phe Ile Leu Leu Leu Cys Leu  
1 5 10

<210> 812  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 812  
Ile Phe Leu Phe Ile Leu Leu Leu Cys Leu Ile  
1 5 10

<210> 813  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 813  
Ile Phe Leu Leu Val Leu Leu Asp Tyr  
1 5

<210> 814  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 814  
Ile Ile Phe Leu Phe Ile Leu Leu  
1 5

<210> 815  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 815  
Ile Ile Phe Leu Phe Ile Leu Leu Leu  
1 5  
  
<210> 816  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 816  
Ile Ile Phe Leu Phe Ile Leu Leu Leu Cys Leu  
1 5 10  
  
<210> 817  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 817  
Ile Ile Leu Gly Phe Arg Lys Ile  
1 5  
  
<210> 818  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 818  
Ile Ile Leu Gly Phe Arg Lys Ile Pro Met  
1 5 10  
  
<210> 819  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 819  
Ile Leu Cys Trp Gly Glu Leu Met  
1 5

<210> 820  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 820  
Ile Leu Gly Phe Arg Lys Ile Pro Met  
1 5

<210> 821  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 821  
Ile Leu Leu Leu Cys Leu Ile Phe  
1 5

<210> 822  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 822  
Ile Leu Leu Leu Cys Leu Ile Phe Leu  
1 5

<210> 823  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 823  
Ile Leu Leu Leu Cys Leu Ile Phe Leu Leu  
1 5 10

<210> 824  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 824

Ile Leu Arg Gly Thr Ser Phe Val Tyr  
1 5

<210> 825  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 825  
Ile Leu Thr Ile Pro Gln Ser Leu  
1 5

<210> 826  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 826  
Ile Leu Thr Ile Pro Gln Ser Leu Asp Ser Trp  
1 5 10

<210> 827  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 827  
Ile Val Gly Leu Leu Gly Phe Ala Ala Pro Phe  
1 5 10

<210> 828  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 828  
Ile Trp Met Met Trp Tyr Trp Gly Pro Ser Leu  
1 5 10

<210> 829  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 829  
Lys Phe Ala Val Pro Asn Leu Gln Ser Leu  
1 5 10

<210> 830  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 830  
Lys Ile Pro Met Gly Val Gly Leu  
1 5

<210> 831  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 831  
Lys Ile Pro Met Gly Val Gly Leu Ser Pro Phe  
1 5 10

<210> 832  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 832  
Lys Leu Cys Leu Gly Trp Leu Trp  
1 5

<210> 833  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 833  
Lys Leu Cys Leu Gly Trp Leu Trp Gly Met  
1 5 10

<210> 834

<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 834  
Lys Leu His Leu Tyr Ser His Pro Ile  
1 5

<210> 835  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 835  
Lys Leu His Leu Tyr Ser His Pro Ile Ile  
1 5 10

<210> 836  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 836  
Lys Leu His Leu Tyr Ser His Pro Ile Ile Leu  
1 5 10

<210> 837  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 837  
Lys Leu Ile Met Pro Ala Arg Phe  
1 5

<210> 838  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 838  
Lys Leu Ile Met Pro Ala Arg Phe Tyr

1

5

<210> 839

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 839

Lys Leu Pro Val Asn Arg Pro Ile

1

5

<210> 840

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 840

Lys Leu Pro Val Asn Arg Pro Ile Asp Trp

1

5

10

<210> 841

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 841

Lys Thr Lys Arg Trp Gly Tyr Ser Leu

1

5

<210> 842

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 842

Lys Thr Lys Arg Trp Gly Tyr Ser Leu Asn Phe

1

5

10

<210> 843

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 843

Lys Val Cys Gln Arg Ile Val Gly Leu  
1 5

<210> 844

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 844

Lys Val Cys Gln Arg Ile Val Gly Leu Leu  
1 5 10

<210> 845

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 845

Lys Val Gly Asn Phe Thr Gly Leu  
1 5

<210> 846

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 846

Lys Val Gly Asn Phe Thr Gly Leu Tyr  
1 5

<210> 847

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 847

Lys Val Leu His Lys Arg Thr Leu  
1 5

<210> 848

<211> 10



<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 848  
Lys Val Leu His Lys Arg Thr Leu Gly Leu  
1 5 10

<210> 849  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 849  
Lys Tyr Leu Pro Leu Asp Lys Gly Ile  
1 5

<210> 850  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 850  
Lys Tyr Thr Ser Phe Pro Trp Leu  
1 5

<210> 851  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 851  
Lys Tyr Thr Ser Phe Pro Trp Leu Leu  
1 5

<210> 852  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 852  
Leu Phe Ile Leu Leu Leu Cys Leu  
1 5

<210> 853  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 853  
Leu Phe Ile Leu Leu Leu Cys Leu Ile  
1 5

<210> 854  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 854  
Leu Phe Ile Leu Leu Leu Cys Leu Ile Phe  
1 5 10

<210> 855  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 855  
Leu Phe Ile Leu Leu Leu Cys Leu Ile Phe Leu  
1 5 10

<210> 856  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 856  
Leu Ile Phe Leu Leu Val Leu Leu  
1 5

<210> 857  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 857  
Leu Ile Phe Leu Leu Val Leu Leu Asp Tyr  
1 5 10

<210> 858  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 858  
Leu Ile Met Pro Ala Arg Phe Tyr  
1 5

<210> 859  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 859  
Leu Leu Ala Gln Phe Thr Ser Ala Ile  
1 5

<210> 860  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 860  
Leu Leu Cys Leu Ile Phe Leu Leu  
1 5

<210> 861  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 861  
Leu Leu Cys Leu Ile Phe Leu Leu Val Leu  
1 5 10

<210> 862  
<211> 11  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 862

Leu Leu Cys Leu Ile Phe Leu Leu Val Leu Leu  
1 5 10

<210> 863

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 863

Leu Leu Asp Thr Ala Ser Ala Leu  
1 5

<210> 864

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 864

Leu Leu Asp Thr Ala Ser Ala Leu Tyr  
1 5

<210> 865

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 865

Leu Leu Asp Tyr Gln Gly Met Leu  
1 5

<210> 866

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 866

Leu Leu Gly Cys Ala Ala Asn Trp  
1 5

<210> 867  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 867  
Leu Leu Gly Cys Ala Ala Asn Trp Ile  
1 5

<210> 868  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 868  
Leu Leu Gly Cys Ala Ala Asn Trp Ile Leu  
1 5 10

<210> 869  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 869  
Leu Leu Gly Phe Ala Ala Pro Phe  
1 5

<210> 870  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 870  
Leu Leu Gly Trp Ser Pro Gln Ala Gln Gly Ile  
1 5 10

<210> 871  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 871

Leu Leu Leu Cys Leu Ile Phe Leu  
1 5

<210> 872

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 872

Leu Leu Leu Cys Leu Ile Phe Leu Leu  
1 5

<210> 873

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 873

Leu Leu Leu Cys Leu Ile Phe Leu Leu Val Leu  
1 5 10

<210> 874

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 874

Leu Leu Pro Ile Phe Phe Cys Leu  
1 5

<210> 875

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 875

Leu Leu Pro Ile Phe Phe Cys Leu Trp  
1 5

<210> 876

<211> 11

<212> PRT

<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 876  
Leu Leu Pro Ile Phe Phe Cys Leu Trp Val Tyr  
1 5 10

<210> 877  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 877  
Leu Leu Ser Phe Leu Pro Ser Asp Phe  
1 5

<210> 878  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 878  
Leu Leu Ser Phe Leu Pro Ser Asp Phe Phe  
1 5 10

<210> 879  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 879  
Leu Leu Ser Leu Gly Ile His Leu  
1 5

<210> 880  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 880  
Leu Leu Ser Ser Asn Leu Ser Trp  
1 5

<210> 881  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 881  
Leu Leu Ser Ser Asn Leu Ser Trp Leu  
1 5

<210> 882  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 882  
Leu Leu Ser Ser Asn Leu Ser Trp Leu Ser Leu  
1 5 10

<210> 883  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 883  
Leu Leu Thr Arg Ile Leu Thr Ile  
1 5

<210> 884  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 884  
Leu Leu Val Gly Ser Ser Gly Leu  
1 5

<210> 885  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 885



Leu Leu Val Leu Leu Asp Tyr Gln Gly Met  
1 5 10

<210> 886  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 886  
Leu Leu Val Leu Leu Asp Tyr Gln Gly Met Leu  
1 5 10

<210> 887  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 887  
Leu Leu Val Leu Gln Ala Gly Phe  
1 5

<210> 888  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 888  
Leu Leu Val Leu Gln Ala Gly Phe Phe  
1 5

<210> 889  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 889  
Leu Leu Val Leu Gln Ala Gly Phe Phe Leu  
1 5 10

<210> 890  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 890  
Leu Leu Val Leu Gln Ala Gly Phe Phe Leu Leu  
1 5 10

<210> 891  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 891  
Leu Leu Val Pro Phe Val Gln Trp  
1 5

<210> 892  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 892  
Leu Leu Val Pro Phe Val Gln Trp Phe  
1 5

<210> 893  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 893  
Leu Leu Trp Phe His Ile Ser Cys Leu  
1 5

<210> 894  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 894  
Leu Leu Trp Phe His Ile Ser Cys Leu Thr Phe  
1 5 10

<210> 895

<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 895  
Leu Met Pro Leu Tyr Ala Cys Ile  
1 5

<210> 896  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 896  
Leu Thr Phe Gly Arg Glu Thr Val Leu  
1 5

<210> 897  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 897  
Leu Thr Phe Gly Arg Glu Thr Val Leu Glu Tyr  
1 5 10

<210> 898  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 898  
Leu Thr Ile Pro Gln Ser Leu Asp Ser Trp  
1 5 10

<210> 899  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 899  
Leu Thr Ile Pro Gln Ser Leu Asp Ser Trp Trp

1 5 10

<210> 900  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 900  
Leu Thr Asn Leu Leu Ser Ser Asn Leu  
1 5

<210> 901  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 901  
Leu Thr Asn Leu Leu Ser Ser Asn Leu Ser Trp  
1 5 10

<210> 902  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 902  
Leu Thr Arg Ile Leu Thr Ile Pro Gln Ser Leu  
1 5 10

<210> 903  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 903  
Leu Thr Val Asn Glu Lys Arg Arg Leu  
1 5

<210> 904  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 904

Leu Val Leu Leu Asp Tyr Gln Gly Met  
1 5

<210> 905

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 905

Leu Val Leu Leu Asp Tyr Gln Gly Met Leu  
1 5 10

<210> 906

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 906

Leu Val Leu Gln Ala Gly Phe Phe  
1 5

<210> 907

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 907

Leu Val Leu Gln Ala Gly Phe Phe Leu  
1 5

<210> 908

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 908

Leu Val Leu Gln Ala Gly Phe Phe Leu Leu  
1 5 10

<210> 909

<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 909  
Leu Val Pro Phe Val Gln Trp Phe  
1 5

<210> 910  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 910  
Leu Val Pro Phe Val Gln Trp Phe Val Gly Leu  
1 5 10

<210> 911  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 911  
Leu Val Ser Phe Gly Val Trp Ile  
1 5

<210> 912  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 912  
Leu Val Val Asp Phe Ser Gln Phe  
1 5

<210> 913  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 913  
Leu Trp Phe His Ile Ser Cys Leu  
1 5

<210> 914  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 914  
Leu Trp Phe His Ile Ser Cys Leu Thr Phe  
1 5 10

<210> 915  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 915  
Leu Trp Gly Met Asp Ile Asp Pro Tyr  
1 5

<210> 916  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 916  
Leu Trp Lys Ala Gly Ile Leu Tyr  
1 5

<210> 917  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 917  
Leu Tyr Ser His Pro Ile Ile Leu  
1 5

<210> 918  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 918  
Leu Tyr Ser His Pro Ile Ile Leu Gly Phe  
1 5 10

<210> 919  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 919  
Met Met Trp Tyr Trp Gly Pro Ser Leu  
1 5

<210> 920  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 920  
Met Met Trp Tyr Trp Gly Pro Ser Leu Tyr  
1 5 10

<210> 921  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 921  
Met Trp Tyr Trp Gly Pro Ser Leu  
1 5

<210> 922  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 922  
Met Trp Tyr Trp Gly Pro Ser Leu Tyr  
1 5

<210> 923  
<211> 8  
<212> PRT



<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 923

Asn Phe Leu Leu Ser Leu Gly Ile

1 5

<210> 924

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 924

Asn Phe Leu Leu Ser Leu Gly Ile His Leu

1 5 10

<210> 925

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 925

Asn Leu Gly Asn Leu Asn Val Ser Ile

1 5

<210> 926

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 926

Asn Leu Gly Asn Leu Asn Val Ser Ile Pro Trp

1 5 10

<210> 927

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 927

Asn Leu Leu Ser Ser Asn Leu Ser Trp

1 5

<210> 928  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 928  
Asn Leu Leu Ser Ser Asn Leu Ser Trp Leu  
1 5 10

<210> 929  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 929  
Asn Leu Asn Val Ser Ile Pro Trp  
1 5

<210> 930  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 930  
Asn Leu Gln Ser Leu Thr Asn Leu  
1 5

<210> 931  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 931  
Asn Leu Gln Ser Leu Thr Asn Leu Leu  
1 5

<210> 932  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide

<400> 932

Asn Leu Ser Val Pro Asn Pro Leu  
1 5

<210> 933

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 933

Asn Leu Ser Val Pro Asn Pro Leu Gly Phe  
1 5 10

<210> 934

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 934

Asn Trp Ile Leu Arg Gly Thr Ser Phe  
1 5

<210> 935

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 935

Asn Trp Ile Leu Arg Gly Thr Ser Phe Val Tyr  
1 5 10

<210> 936

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 936

Pro Phe Leu Leu Ala Gln Phe Thr Ser Ala Ile  
1 5 10

<210> 937

<211> 10

<212> PRT

<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 937  
Pro Phe Thr Gln Cys Gly Tyr Pro Ala Leu  
1 5 10

<210> 938  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 938  
Pro Phe Thr Gln Cys Gly Tyr Pro Ala Leu Met  
1 5 10

<210> 939  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 939  
Pro Phe Val Gln Trp Phe Val Gly Leu  
1 5

<210> 940  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 940  
Pro Ile Asp Trp Lys Val Cys Gln Arg Ile  
1 5 10

<210> 941  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 941  
Pro Ile Phe Phe Cys Leu Trp Val Tyr  
1 5

<210> 942  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 942  
Pro Ile Phe Phe Cys Leu Trp Val Tyr Ile  
1 5 10

<210> 943  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 943  
Pro Ile His Thr Ala Glu Leu Leu  
1 5

<210> 944  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 944  
Pro Ile Ile Leu Gly Phe Arg Lys Ile  
1 5

<210> 945  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 945  
Pro Ile Ile Leu Gly Phe Arg Lys Ile Pro Met  
1 5 10

<210> 946  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 946

Pro Ile Pro Ser Ser Trp Ala Phe  
1 5

<210> 947  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 947  
Pro Leu Asp Lys Gly Ile Lys Pro Tyr  
1 5

<210> 948  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 948  
Pro Leu Asp Lys Gly Ile Lys Pro Tyr Tyr  
1 5 10

<210> 949  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 949  
Pro Leu Glu Glu Glu Leu Pro Arg Leu  
1 5

<210> 950  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 950  
Pro Leu Gly Phe Phe Pro Asp His Gln Leu  
1 5 10

<210> 951  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 951  
Pro Leu His Pro Ala Ala Met Pro His Leu  
1 5 10

<210> 952  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 952  
Pro Leu His Pro Ala Ala Met Pro His Leu Leu  
1 5 10

<210> 953  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 953  
Pro Leu Leu Pro Ile Phe Phe Cys Leu  
1 5

<210> 954  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 954  
Pro Leu Leu Pro Ile Phe Phe Cys Leu Trp  
1 5 10

<210> 955  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 955  
Pro Leu Leu Val Leu Gln Ala Gly Phe  
1 5

<210> 956

<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 956  
Pro Leu Leu Val Leu Gln Ala Gly Phe Phe  
1 5 10

<210> 957  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 957  
Pro Leu Leu Val Leu Gln Ala Gly Phe Phe Leu  
1 5 10

<210> 958  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 958  
Pro Leu Pro Ile His Thr Ala Glu Leu  
1 5

<210> 959  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 959  
Pro Leu Pro Ile His Thr Ala Glu Leu Leu  
1 5 10

<210> 960  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 960  
Pro Leu Ser Tyr Gln His Phe Arg Lys Leu



<220>  
<223> Artificially Synthesized Peptide

```
<210> 962
<211> 10
<212> PRT
<213> Artificial Sequence
```

<220>  
<223> Artificially Synthesized Peptide

```
<210> 963
<211> 9
<212> PRT
<213> Artificial Sequence
```

<220>  
<223> Artificially Synthesized Peptide

```
<210> 964
<211> 10
<212> PRT
<213> Artificial Sequence
```

<220>  
<223> Artificially Synthesized Peptide

```
<210> 965
<211> 11
<212> PRT
<213> Artificial Sequence
```

**<220>**

<223> Artificially Synthesized Peptide

<400> 965

Pro Met Gly Val Gly Leu Ser Pro Phe Leu Leu  
1 5 10

<210> 966

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 966

Pro Thr Gly Trp Gly Leu Ala Ile  
1 5

<210> 967

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 967

Pro Thr Thr Gly Arg Thr Ser Leu  
1 5

<210> 968

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 968

Pro Thr Thr Gly Arg Thr Ser Leu Tyr  
1 5

<210> 969

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 969

Pro Thr Val Gln Ala Ser Lys Leu  
1 5

<210> 970

<211> 10

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 970  
Pro Thr Val Gln Ala Ser Lys Leu Cys Leu  
1 5 10

<210> 971  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 971  
Pro Thr Val Trp Leu Ser Val Ile  
1 5

<210> 972  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 972  
Pro Thr Val Trp Leu Ser Val Ile Trp  
1 5

<210> 973  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 973  
Pro Thr Val Trp Leu Ser Val Ile Trp Met  
1 5 10

<210> 974  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 974  
Pro Val Asn Arg Pro Ile Asp Trp  
1 5

<210> 975

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 975

Pro Trp Leu Leu Gly Cys Ala Ala Asn Trp  
1 5 10

<210> 976

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 976

Pro Trp Leu Leu Gly Cys Ala Ala Asn Trp Ile  
1 5 10

<210> 977

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 977

Pro Trp Thr His Lys Val Gly Asn Phe  
1 5

<210> 978

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 978

Gln Leu Asp Pro Ala Arg Asp Val Leu  
1 5

<210> 979

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 979  
Gln Leu Asp Pro Ala Arg Asp Val Leu Cys Leu  
1 5 10

<210> 980  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 980  
Gln Leu Leu Trp Phe His Ile Ser Cys Leu  
1 5 10

<210> 981  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 981  
Gln Val Phe Ala Asp Ala Thr Pro Thr Gly Trp  
1 5 10

<210> 982  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 982  
Gln Trp Phe Val Gly Leu Ser Pro Thr Val Trp  
1 5 10

<210> 983  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 983  
Arg Phe Ile Ile Phe Leu Phe Ile  
1 5

<210> 984  
<211> 9  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 984

Arg Phe Ile Ile Phe Leu Phe Ile Leu  
1 5

<210> 985

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 985

Arg Phe Ile Ile Phe Leu Phe Ile Leu Leu  
1 5 10

<210> 986

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 986

Arg Phe Ile Ile Phe Leu Phe Ile Leu Leu Leu  
1 5 10

<210> 987

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 987

Arg Phe Ser Trp Leu Ser Leu Leu  
1 5

<210> 988

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 988

Arg Phe Ser Trp Leu Ser Leu Leu Val Pro Phe  
1 5 10

<210> 989  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 989  
Arg Ile Leu Thr Ile Pro Gln Ser Leu  
1 5

<210> 990  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 990  
Arg Ile Val Gly Leu Leu Gly Phe  
1 5

<210> 991  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 991  
Arg Leu Lys Leu Ile Met Pro Ala Arg Phe  
1 5 10

<210> 992  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 992  
Arg Leu Lys Leu Ile Met Pro Ala Arg Phe Tyr  
1 5 10

<210> 993  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 993  
Arg Leu Val Val Asp Phe Ser Gln Phe  
1 5

<210> 994 .  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 994  
Arg Thr Pro Ala Arg Val Thr Gly Gly Val Phe  
1 5 10

<210> 995  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 995  
Arg Val Ala Glu Asp Leu Asn Leu  
1 5

<210> 996  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 996  
Arg Val Ala Glu Asp Leu Asn Leu Gly Asn Leu  
1 5 10

<210> 997  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 997  
Arg Val His Phe Ala Ser Pro Leu  
1 5

<210> 998  
<211> 8  
<212> PRT  
<213> Artificial Sequence



<220>  
<223> Artificially Synthesized Peptide

<400> 998  
Arg Val Thr Gly Gly Val Phe Leu  
1 5

<210> 999  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 999  
Arg Trp Gly Tyr Ser Leu Asn Phe  
1 5

<210> 1000  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1000  
Arg Trp Gly Tyr Ser Leu Asn Phe Met  
1 5

<210> 1001  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1001  
Arg Trp Gly Tyr Ser Leu Asn Phe Met Gly Tyr  
1 5 10

<210> 1002  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1002  
Arg Trp Met Cys Leu Arg Arg Phe  
1 5

<210> 1003  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1003  
Arg Trp Met Cys Leu Arg Arg Phe Ile  
1 5

<210> 1004  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1004  
Arg Trp Met Cys Leu Arg Arg Phe Ile Ile  
1 5 10

<210> 1005  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1005  
Arg Trp Met Cys Leu Arg Arg Phe Ile Ile Phe  
1 5 10

<210> 1006  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1006  
Ser Phe Cys Gly Ser Pro Tyr Ser Trp  
1 5

<210> 1007  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1007

Ser Phe Leu Pro Ser Asp Phe Phe  
1 5

<210> 1008

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1008

Ser Phe Val Tyr Val Pro Ser Ala Leu  
1 5

<210> 1009

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1009

Ser Ile Pro Trp Thr His Lys Val Gly Asn Phe  
1 5 10

<210> 1010

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1010

Ser Leu Asp Ser Trp Trp Thr Ser Leu  
1 5

<210> 1011

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1011

Ser Leu Asp Ser Trp Trp Thr Ser Leu Asn Phe  
1 5 10

<210> 1012

<211> 8

<212> PRT

<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1012  
Ser Leu Asp Val Ser Ala Ala Phe  
1 5

<210> 1013  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1013  
Ser Leu Asp Val Ser Ala Ala Phe Tyr  
1 5

<210> 1014  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1014  
Ser Leu Leu Val Pro Phe Val Gln Trp  
1 5

<210> 1015  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1015  
Ser Leu Leu Val Pro Phe Val Gln Trp Phe  
1 5 10

<210> 1016  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1016  
Ser Leu Asn Phe Met Gly Tyr Val Ile  
1 5

<210> 1017

<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1017  
Ser Leu Arg Gly Leu Pro Val Cys Ala Phe  
1 5 10

<210> 1018  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1018  
Ser Leu Thr Asn Leu Leu Ser Ser Asn Leu  
1 5 10

<210> 1019  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1019  
Ser Thr Thr Asp Leu Glu Ala Tyr  
1 5

<210> 1020  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1020  
Ser Thr Thr Asp Leu Glu Ala Tyr Phe  
1 5

<210> 1021  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1021  
Ser Val Pro Asn Pro Leu Gly Phe

1

5

<210> 1022

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1022

Ser Val Gln His Leu Glu Ser Leu

1

5

<210> 1023

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1023

Ser Val Arg Phe Ser Trp Leu Ser Leu

1

5

<210> 1024

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1024

Ser Val Arg Phe Ser Trp Leu Ser Leu Leu

1

5

10

<210> 1025

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1025

Ser Val Val Leu Ser Arg Lys Tyr

1

5

<210> 1026

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1026

Ser Val Val Leu Ser Arg Lys Tyr Thr Ser Phe  
1 5 10

<210> 1027

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1027

Ser Val Val Arg Arg Ala Phe Pro His Cys Leu  
1 5 10

<210> 1028

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1028

Ser Trp Leu Ser Leu Asp Val Ser Ala Ala Phe  
1 5 10

<210> 1029

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1029

Ser Trp Leu Ser Leu Leu Val Pro Phe  
1 5

<210> 1030

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1030

Ser Trp Pro Lys Phe Ala Val Pro Asn Leu  
1 5 10

<210> 1031

<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1031  
Ser Trp Trp Thr Ser Leu Asn Phe  
1 5

<210> 1032  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1032  
Ser Trp Trp Thr Ser Leu Asn Phe Leu  
1 5

<210> 1033  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1033  
Ser Tyr Met Asp Asp Val Val Leu  
1 5

<210> 1034  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1034  
Ser Tyr Gln His Phe Arg Lys Leu  
1 5

<210> 1035  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1035  
Ser Tyr Gln His Phe Arg Lys Leu Leu  
1 5



<210> 1036

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1036

Ser Tyr Gln His Phe Arg Lys Leu Leu Leu  
1 5 10

<210> 1037

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1037

Ser Tyr Gln His Phe Arg Lys Leu Leu Leu Leu  
1 5 10

<210> 1038

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1038

Thr Phe Gly Arg Glu Thr Val Leu  
1 5

<210> 1039

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1039

Thr Phe Gly Arg Glu Thr Val Leu Glu Tyr  
1 5 10

<210> 1040

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1040  
Thr Phe Gly Arg Glu Thr Val Leu Glu Tyr Leu  
1 5 10

<210> 1041  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1041  
Thr Phe Ser Pro Thr Tyr Lys Ala Phe  
1 5

<210> 1042  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1042  
Thr Phe Ser Pro Thr Tyr Lys Ala Phe Leu  
1 5 10

<210> 1043  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1043  
Thr Ile Pro Gln Ser Leu Asp Ser Trp  
1 5

<210> 1044  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1044  
Thr Ile Pro Gln Ser Leu Asp Ser Trp Trp  
1 5 10

<210> 1045  
<211> 8  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1045

Thr Leu Trp Lys Ala Gly Ile Leu  
1 5

<210> 1046

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1046

Thr Leu Trp Lys Ala Gly Ile Leu Tyr  
1 5

<210> 1047

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1047

Thr Thr Asp Leu Glu Ala Tyr Phe  
1 5

<210> 1048

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1048

Thr Thr Gly Arg Thr Ser Leu Tyr  
1 5

<210> 1049

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1049

Thr Val Asn Glu Lys Arg Arg Leu  
1 5

<210> 1050  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1050  
Thr Val Gln Ala Ser Lys Leu Cys Leu  
1 5

<210> 1051  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1051  
Thr Val Gln Ala Ser Lys Leu Cys Leu Gly Trp  
1 5 10

<210> 1052  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1052  
Thr Val Trp Leu Ser Val Ile Trp  
1 5

<210> 1053  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1053  
Thr Val Trp Leu Ser Val Ile Trp Met  
1 5

<210> 1054  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1054  
Val Phe Ala Asp Ala Thr Pro Thr Gly Trp  
1 5 10

<210> 1055  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1055  
Val Phe Val Leu Gly Gly Cys Arg His Lys Leu  
1 5 10

<210> 1056  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1056  
Val Leu Gly Ala Lys Ser Val Gln His Leu  
1 5 10

<210> 1057  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1057  
Val Leu Gly Gly Cys Arg His Lys Leu  
1 5

<210> 1058  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1058  
Val Leu His Lys Arg Thr Leu Gly Leu  
1 5

<210> 1059  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1059  
Val Leu Leu Asp Tyr Gln Gly Met  
1 5

<210> 1060  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1060  
Val Leu Leu Asp Tyr Gln Gly Met Leu  
1 5

<210> 1061  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1061  
Val Leu Gln Ala Gly Phe Phe Leu  
1 5

<210> 1062  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1062  
Val Leu Gln Ala Gly Phe Phe Leu Leu  
1 5

<210> 1063  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1063  
Val Leu Ser Arg Lys Tyr Thr Ser Phe  
1 5

<210> 1064  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1064  
Val Leu Ser Arg Lys Tyr Thr Ser Phe Pro Trp  
1 5 10

<210> 1065  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1065  
Val Val Leu Gly Ala Lys Ser Val Gln His Leu  
1 5 10

<210> 1066  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1066  
Val Val Leu Ser Arg Lys Tyr Thr Ser Phe  
1 5 10

<210> 1067  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1067  
Val Val Arg Arg Ala Phe Pro His Cys Leu  
1 5 10

<210> 1068  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1068

Val Trp Ile Arg Thr Pro Pro Ala Tyr  
1 5

<210> 1069  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1069  
Val Trp Leu Ser Val Ile Trp Met  
1 5

<210> 1070  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1070  
Trp Phe His Ile Ser Cys Leu Thr Phe  
1 5

<210> 1071  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1071  
Trp Phe Val Gly Leu Ser Pro Thr Val Trp  
1 5 10

<210> 1072  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1072  
Trp Phe Val Gly Leu Ser Pro Thr Val Trp Leu  
1 5 10

<210> 1073  
<211> 8  
<212> PRT  
<213> Artificial Sequence



<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1073  
Trp Ile Leu Arg Gly Thr Ser Phe  
1 5  
  
<210> 1074  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1074  
Trp Ile Leu Arg Gly Thr Ser Phe Val Tyr  
1 5 10  
  
<210> 1075  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1075  
Trp Ile Arg Thr Pro Pro Ala Tyr  
1 5  
  
<210> 1076  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1076  
Trp Leu Leu Gly Cys Ala Ala Asn Trp  
1 5  
  
<210> 1077  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1077  
Trp Leu Leu Gly Cys Ala Ala Asn Trp Ile  
1 5 10  
  
<210> 1078

<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1078  
Trp Leu Leu Gly Cys Ala Ala Asn Trp Ile Leu  
1 5 10

<210> 1079  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1079  
Trp Leu Ser Leu Asp Val Ser Ala Ala Phe  
1 5 10

<210> 1080  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1080  
Trp Leu Ser Leu Asp Val Ser Ala Ala Phe Tyr  
1 5 10

<210> 1081  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1081  
Trp Leu Ser Leu Leu Val Pro Phe  
1 5

<210> 1082  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1082  
Trp Leu Ser Leu Leu Val Pro Phe Val Gln Trp

1	5	10
---	---	----

<210> 1083  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1083  
Trp Leu Trp Gly Met Asp Ile Asp Pro Tyr  
1 5 10

<210> 1084  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1084  
Trp Met Cys Leu Arg Arg Phe Ile  
1 5

<210> 1085  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1085  
Trp Met Cys Leu Arg Arg Phe Ile Ile  
1 5

<210> 1086  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1086  
Trp Met Cys Leu Arg Arg Phe Ile Ile Phe  
1 5 10

<210> 1087  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1087

Trp	Met	Cys	Leu	Arg	Arg	Phe	Ile	Ile	Phe	Leu
1				5					10	

<210> 1088

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1088

Trp	Met	Met	Trp	Tyr	Trp	Gly	Pro	Ser	Leu
1			5						10

<210> 1089

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1089

Trp	Met	Met	Trp	Tyr	Trp	Gly	Pro	Ser	Leu	Tyr
1			5						10	

<210> 1090

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1090

Trp	Thr	His	Lys	Val	Gly	Asn	Phe
1				5			

<210> 1091

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1091

Trp	Thr	His	Lys	Val	Gly	Asn	Phe	Thr	Gly	Leu
1				5					10	

<210> 1092

<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1092  
Trp Trp Thr Ser Leu Asn Phe Leu  
1 5

<210> 1093  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1093  
Trp Tyr Trp Gly Pro Ser Leu Tyr  
1 5

<210> 1094  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1094  
Tyr Leu His Thr Leu Trp Lys Ala Gly Ile  
1 5 10

<210> 1095  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1095  
Tyr Leu His Thr Leu Trp Lys Ala Gly Ile Leu  
1 5 10

<210> 1096  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1096  
Tyr Leu Pro Leu Asp Lys Gly Ile  
1 5

<210> 1097  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1097  
Tyr Leu Pro Leu Asp Lys Gly Ile Lys Pro Tyr  
1 5 10

<210> 1098  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1098  
Tyr Leu Val Ser Phe Gly Val Trp  
1 5

<210> 1099  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1099  
Tyr Leu Val Ser Phe Gly Val Trp Ile  
1 5

<210> 1100  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1100  
Tyr Thr Ser Phe Pro Trp Leu Leu  
1 5

<210> 1101  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1101

Ala Pro Cys Asn Phe Phe Thr Ser Ala  
1 5

<210> 1102

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1102

Ala Pro Phe Thr Gln Cys Gly Tyr  
1 5

<210> 1103

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1103

Ala Pro Phe Thr Gln Cys Gly Tyr Pro Ala  
1 5 10

<210> 1104

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1104

Ala Pro Phe Thr Gln Cys Gly Tyr Pro Ala Leu  
1 5 10

<210> 1105

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1105

Cys Pro Gly Tyr Arg Trp Met Cys Leu  
1 5

<210> 1106

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1106

Cys Pro Thr Val Gln Ala Ser Lys Leu  
1 5

<210> 1107

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1107

Cys Pro Thr Val Gln Ala Ser Lys Leu Cys Leu  
1 5 10

<210> 1108

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1108

Asp Pro Ala Arg Asp Val Leu Cys Leu  
1 5

<210> 1109

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1109

Asp Pro Arg Val Arg Gly Leu Tyr  
1 5

<210> 1110

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1110

Asp Pro Ser Arg Gly Arg Leu Gly Leu  
1 5



<210> 1111  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1111  
Asp Pro Tyr Lys Glu Phe Gly Ala  
1 5

<210> 1112  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1112  
Phe Pro Ala Gly Gly Ser Ser Ser Gly Thr Val  
1 5 10

<210> 1113  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1113  
Phe Pro Asp His Gln Leu Asp Pro Ala  
1 5

<210> 1114  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1114  
Phe Pro Asp His Gln Leu Asp Pro Ala Phe  
1 5 10

<210> 1115  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1115

Phe Pro His Cys Leu Ala Phe Ser Tyr  
1 5

<210> 1116

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1116

Phe Pro His Cys Leu Ala Phe Ser Tyr Met  
1 5 10

<210> 1117

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1117

Phe Pro Trp Leu Leu Gly Cys Ala  
1 5

<210> 1118

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1118

Phe Pro Trp Leu Leu Gly Cys Ala Ala  
1 5

<210> 1119

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1119

Phe Pro Trp Leu Leu Gly Cys Ala Ala Asn Trp  
1 5 10

<210> 1120

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1120

Gly Pro Cys Ala Leu Arg Phe Thr Ser Ala  
1 5 10

<210> 1121

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1121

Gly Pro Leu Glu Glu Glu Leu Pro Arg Leu  
1 5 10

<210> 1122

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1122

Gly Pro Leu Glu Glu Glu Leu Pro Arg Leu Ala  
1 5 10

<210> 1123

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1123

Gly Pro Leu Leu Val Leu Gln Ala  
1 5

<210> 1124

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1124

Gly Pro Leu Leu Val Leu Gln Ala Gly Phe  
1 5 10

<210> 1125  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1125  
Gly Pro Leu Leu Val Leu Gln Ala Gly Phe Phe  
1 5 10

<210> 1126  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1126  
Gly Pro Leu Thr Val Asn Glu Lys Arg Arg Leu  
1 5 10

<210> 1127  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1127  
His Pro Ala Ala Met Pro His Leu  
1 5

<210> 1128  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1128  
His Pro Ala Ala Met Pro His Leu Leu  
1 5

<210> 1129  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1129

His Pro Ala Ala Met Pro His Leu Leu Val  
1 5 10

<210> 1130  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1130  
His Pro Ile Ile Leu Gly Phe Arg Lys Ile  
1 5 10

<210> 1131  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1131  
Ile Pro Ile Pro Ser Ser Trp Ala  
1 5

<210> 1132  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1132  
Ile Pro Ile Pro Ser Ser Trp Ala Phe  
1 5

<210> 1133  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1133  
Ile Pro Ile Pro Ser Ser Trp Ala Phe Ala  
1 5 10

<210> 1134  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1134  
Ile Pro Met Gly Val Gly Leu Ser Pro Phe  
1 5 10

<210> 1135  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1135  
Ile Pro Met Gly Val Gly Leu Ser Pro Phe Leu  
1 5 10

<210> 1136  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1136  
Ile Pro Gln Ser Leu Asp Ser Trp  
1 5

<210> 1137  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1137  
Ile Pro Gln Ser Leu Asp Ser Trp Trp  
1 5

<210> 1138  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1138  
Ile Pro Ser Ser Trp Ala Phe Ala  
1 5

<210> 1139

<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1139  
Ile Pro Trp Thr His Lys Val Gly Asn Phe  
1 5 10

<210> 1140  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1140  
Leu Pro Ile Phe Phe Cys Leu Trp  
1 5

<210> 1141  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1141  
Leu Pro Ile Phe Phe Cys Leu Trp Val  
1 5

<210> 1142  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1142  
Leu Pro Ile Phe Phe Cys Leu Trp Val Tyr  
1 5 10

<210> 1143  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1143  
Leu Pro Ile Phe Phe Cys Leu Trp Val Tyr Ile

1 5 10

<210> 1144  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1144  
Leu Pro Ile His Thr Ala Glu Leu  
1 5

<210> 1145  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1145  
Leu Pro Ile His Thr Ala Glu Leu Leu  
1 5

<210> 1146  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1146  
Leu Pro Ile His Thr Ala Glu Leu Leu Ala  
1 5 10

<210> 1147  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1147  
Leu Pro Ile His Thr Ala Glu Leu Leu Ala Ala  
1 5 10

<210> 1148  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>



<223> Artificially Synthesized Peptide

<400> 1148

Leu Pro Lys Val Leu His Lys Arg Thr Leu  
1 5 10

<210> 1149

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1149

Leu Pro Leu Asp Lys Gly Ile Lys Pro Tyr  
1 5 10

<210> 1150

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1150

Leu Pro Leu Asp Lys Gly Ile Lys Pro Tyr Tyr  
1 5 10

<210> 1151

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1151

Leu Pro Val Cys Ala Phe Ser Ser Ala  
1 5

<210> 1152

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1152

Leu Pro Val Asn Arg Pro Ile Asp Trp  
1 5

<210> 1153

<211> 11

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1153  
Leu Pro Val Asn Arg Pro Ile Asp Trp Lys Val  
1 5 10

<210> 1154  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1154  
Met Pro His Leu Leu Val Gly Ser Ser Gly Leu  
1 5 10

<210> 1155  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1155  
Met Pro Leu Ser Tyr Gln His Phe  
1 5

<210> 1156  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1156  
Met Pro Leu Ser Tyr Gln His Phe Arg Lys Leu  
1 5 10

<210> 1157  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1157  
Asn Pro Ala Asp Asp Pro Ser Arg Gly Arg Leu  
1 5 10

<210> 1158  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1158  
Asn Pro Leu Gly Phe Phe Pro Asp His Gln Leu  
1 5 10

<210> 1159  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1159  
Asn Pro Asn Lys Thr Lys Arg Trp  
1 5

<210> 1160  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1160  
Asn Pro Asn Lys Thr Lys Arg Trp Gly Tyr  
1 5 10

<210> 1161  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1161  
Pro Pro Ala Tyr Arg Pro Pro Asn Ala  
1 5

<210> 1162  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1162  
Pro Pro Ala Tyr Arg Pro Pro Asn Ala Pro Ile  
1 5 10

<210> 1163  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1163  
Pro Pro His Gly Gly Leu Leu Gly Trp  
1 5

<210> 1164  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1164  
Pro Pro Asn Ala Pro Ile Leu Ser Thr Leu  
1 5 10

<210> 1165  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1165  
Arg Pro Ile Asp Trp Lys Val Cys Gln Arg Ile  
1 5 10

<210> 1166  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1166  
Arg Pro Pro Asn Ala Pro Ile Leu  
1 5

<210> 1167  
<211> 11  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1167

Arg Pro Pro Asn Ala Pro Ile Leu Ser Thr Leu  
1 5 10

<210> 1168

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1168

Ser Pro Glu His Cys Ser Pro His His Thr Ala  
1 5 10

<210> 1169

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1169

Ser Pro Phe Leu Leu Ala Gln Phe  
1 5

<210> 1170

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1170

Ser Pro Phe Leu Leu Ala Gln Phe Thr Ser Ala  
1 5 10

<210> 1171

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1171

Ser Pro His His Thr Ala Leu Arg Gln Ala  
1 5 10

<210> 1172  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1172  
Ser Pro His His Thr Ala Leu Arg Gln Ala Ile  
1 5 10

<210> 1173  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1173  
Ser Pro Gln Ala Gln Gly Ile Leu  
1 5

<210> 1174  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1174  
Ser Pro Ser Val Pro Ser His Leu  
1 5

<210> 1175  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1175  
Ser Pro Thr Val Trp Leu Ser Val  
1 5

<210> 1176  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1176  
Ser Pro Thr Val Trp Leu Ser Val Ile  
1 5

<210> 1177  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1177  
Ser Pro Thr Val Trp Leu Ser Val Ile Trp  
1 5 10

<210> 1178  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1178  
Ser Pro Thr Val Trp Leu Ser Val Ile Trp Met  
1 5 10

<210> 1179  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1179  
Ser Pro Thr Tyr Lys Ala Phe Leu  
1 5

<210> 1180  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1180  
Thr Pro Ala Arg Val Thr Gly Gly Val  
1 5

<210> 1181  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1181  
Thr Pro Ala Arg Val Thr Gly Gly Val Phe  
1 5 10  
  
<210> 1182  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1182  
Thr Pro Ala Arg Val Thr Gly Gly Val Phe Leu  
1 5 10  
  
<210> 1183  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1183  
Thr Pro Pro Ala Tyr Arg Pro Pro Asn Ala  
1 5 10  
  
<210> 1184  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1184  
Thr Pro Pro His Gly Gly Leu Leu  
1 5  
  
<210> 1185  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1185  
Thr Pro Pro His Gly Gly Leu Leu Gly Trp  
1 5 10



<210> 1186  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1186  
Thr Pro Thr Gly Trp Gly Leu Ala  
1 5

<210> 1187  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1187  
Thr Pro Thr Gly Trp Gly Leu Ala Ile  
1 5

<210> 1188  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1188  
Val Pro Phe Val Gln Trp Phe Val  
1 5

<210> 1189  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1189  
Val Pro Phe Val Gln Trp Phe Val Gly Leu  
1 5 10

<210> 1190  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1190

Val Pro Asn Leu Gln Ser Leu Thr Asn Leu  
1 5 10

<210> 1191  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1191  
Val Pro Asn Leu Gln Ser Leu Thr Asn Leu Leu  
1 5 10

<210> 1192  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1192  
Val Pro Ser Ala Leu Asn Pro Ala  
1 5

<210> 1193  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1193  
Trp Pro Lys Phe Ala Val Pro Asn Leu  
1 5

<210> 1194  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1194  
Tyr Pro Ala Leu Met Pro Leu Tyr  
1 5

<210> 1195  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1195  
Tyr Pro Ala Leu Met Pro Leu Tyr Ala  
1 5  
  
<210> 1196  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1196  
Tyr Pro Ala Leu Met Pro Leu Tyr Ala Cys Ile  
1 5 10  
  
<210> 1197  
  
<400> 1197  
000  
  
<210> 1198  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1198  
Ala His Leu Ser Leu Arg Gly Leu  
1 5  
  
<210> 1199  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1199  
Ala Arg Val Thr Gly Gly Val Phe  
1 5  
  
<210> 1200  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1200

Asp His Gly Ala His Leu Ser Leu  
1 5

<210> 1201  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1201  
Asp His Gln Leu Asp Pro Ala Phe  
1 5

<210> 1202  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1202  
Asp Lys Gly Ile Lys Pro Tyr Tyr  
1 5

<210> 1203  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1203  
Phe His Ile Ser Cys Leu Thr Phe  
1 5

<210> 1204  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1204  
Phe Arg Lys Ile Pro Met Gly Val  
1 5

<210> 1205  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1205  
Gly Arg Glu Thr Val Leu Glu Tyr  
1 5

<210> 1206  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1206  
His His Thr Ala Leu Arg Gln Ala  
1 5

<210> 1207  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1207  
Ile His Thr Ala Glu Leu Leu Ala  
1 5

<210> 1208  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1208  
Leu His Lys Arg Thr Leu Gly Leu  
1 5

<210> 1209  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1209  
Leu His Leu Tyr Ser His Pro Ile  
1 5

<210> 1210

<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1210  
Leu Arg Gly Leu Pro Val Cys Ala  
1 5

<210> 1211  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1211  
Leu Arg Gly Thr Ser Phe Val Tyr  
1 5

<210> 1212  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1212  
Leu Arg Gln Ala Ile Leu Cys Trp  
1 5

<210> 1213  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1213  
Leu Arg Arg Phe Ile Ile Phe Leu  
1 5

<210> 1214  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1214  
Asn Lys Thr Lys Arg Trp Gly Tyr

1

5

<210> 1215

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1215

Asn Arg Pro Ile Asp Trp Lys Val

1

5

<210> 1216

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1216

Asn Arg Arg Val Ala Glu Asp Leu

1

5

<210> 1217

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1217

Pro His Cys Leu Ala Phe Ser Tyr

1

5

<210> 1218

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1218

Pro His Gly Gly Leu Leu Gly Trp

1

5

<210> 1219

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1219

Pro Lys Phe Ala Val Pro Asn Leu  
1 5

<210> 1220

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1220

Gln His Phe Arg Lys Leu Leu Leu  
1 5

<210> 1221

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1221

Arg His Tyr Leu His Thr Leu Trp  
1 5

<210> 1222

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1222

Arg Lys Tyr Thr Ser Phe Pro Trp  
1 5

<210> 1223

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1223

Arg Arg Ala Phe Pro His Cys Leu  
1 5

<210> 1224

<211> 8



<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1224  
Arg Arg Phe Ile Ile Phe Leu Phe  
1 5

<210> 1225  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1225  
Ser His Pro Ile Ile Leu Gly Phe  
1 5

<210> 1226  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1226  
Ser Lys Leu Cys Leu Gly Trp Leu  
1 5

<210> 1227  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1227  
Ser Arg Asn Leu Tyr Val Ser Leu  
1 5

<210> 1228  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1228  
Thr Lys Arg Trp Gly Tyr Ser Leu  
1 5

<210> 1229  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1229  
Thr Arg His Tyr Leu His Thr Leu  
1 5

<210> 1230  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1230  
Val Arg Phe Ser Trp Leu Ser Leu  
1 5

<210> 1231  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1231  
Trp Lys Val Cys Gln Arg Ile Val  
1 5

<210> 1232  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1232  
Tyr Arg Pro Pro Asn Ala Pro Ile  
1 5

<210> 1233  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1233  
Ala Arg Val Thr Gly Gly Val Phe Leu  
1 5

<210> 1234  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1234  
Glu His Cys Ser Pro His His Thr Ala  
1 5

<210> 1235  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1235  
Gly Arg Glu Thr Val Leu Glu Tyr Leu  
1 5

<210> 1236  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1236  
His His Thr Ala Leu Arg Gln Ala Ile  
1 5

<210> 1237  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1237  
His Lys Val Gly Asn Phe Thr Gly Leu  
1 5

<210> 1238  
<211> 9  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1238

Ile His Thr Ala Glu Leu Leu Ala Ala  
1 5

<210> 1239

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1239

Lys Arg Trp Gly Tyr Ser Leu Asn Phe  
1 5

<210> 1240

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1240

Leu His Leu Tyr Ser His Pro Ile Ile  
1 5

<210> 1241

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1241

Leu His Pro Ala Ala Met Pro His Leu  
1 5

<210> 1242

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1242

Leu His Thr Leu Trp Lys Ala Gly Ile  
1 5

<210> 1243  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1243  
Leu Lys Leu Ile Met Pro Ala Arg Phe  
1 5

<210> 1244  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1244  
Leu Arg Gly Leu Pro Val Cys Ala Phe  
1 5

<210> 1245  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1245  
Leu Arg Gly Thr Ser Phe Val Tyr Val  
1 5

<210> 1246  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1246  
Leu Arg Arg Phe Ile Ile Phe Leu Phe  
1 5

<210> 1247  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1247  
Pro His Cys Leu Ala Phe Ser Tyr Met  
1 5

<210> 1248  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1248  
Pro His His Thr Ala Leu Arg Gln Ala  
1 5

<210> 1249  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1249  
Pro Lys Val Leu His Lys Arg Thr Leu  
1 5

<210> 1250  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1250  
Gln His Phe Arg Lys Leu Leu Leu Leu  
1 5

<210> 1251  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1251  
Gln Arg Ile Val Gly Leu Leu Gly Phe  
1 5

<210> 1252  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1252  
Arg Lys Ile Pro Met Gly Val Gly Leu  
1 5

<210> 1253  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1253  
Arg Lys Leu Pro Val Asn Arg Pro Ile  
1 5

<210> 1254  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1254  
Arg Lys Tyr Thr Ser Phe Pro Trp Leu  
1 5

<210> 1255  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1255  
Arg Arg Ala Phe Pro His Cys Leu Ala  
1 5

<210> 1256  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1256  
Arg Arg Phe Ile Ile Phe Leu Phe Ile  
1 5

<210> 1257  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1257  
Arg Arg Leu Lys Leu Ile Met Pro Ala  
1 5

<210> 1258  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1258  
Arg Arg Val Ala Glu Asp Leu Asn Leu  
1 5

<210> 1259  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1259  
Ser Lys Leu Cys Leu Gly Trp Leu Trp  
1 5

<210> 1260  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1260  
Ser Arg Lys Tyr Thr Ser Phe Pro Trp  
1 5

<210> 1261  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1261



Thr Arg His Tyr Leu His Thr Leu Trp  
1 5

<210> 1262

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1262

Val His Phe Ala Ser Pro Leu His Val  
1 5

<210> 1263

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1263

Val Arg Phe Ser Trp Leu Ser Leu Leu  
1 5

<210> 1264

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1264

Val Arg Arg Ala Phe Pro His Cys Leu  
1 5

<210> 1265

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1265

Tyr Arg Pro Pro Asn Ala Pro Ile Leu  
1 5

<210> 1266

<211> 9

<212> PRT

<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1266  
Tyr Arg Trp Met Cys Leu Arg Arg Phe  
1 5  
  
<210> 1267  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1267  
Ala His Leu Ser Leu Arg Gly Leu Pro Val  
1 5 10  
  
<210> 1268  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1268  
Ala Lys Ser Val Gln His Leu Glu Ser Leu  
1 5 10  
  
<210> 1269  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1269  
Ala Arg Asp Val Leu Cys Leu Arg Pro Val  
1 5 10  
  
<210> 1270  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1270  
Ala Arg Val Thr Gly Gly Val Phe Leu Val  
1 5 10  
  
<210> 1271

<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1271  
Glu His Cys Ser Pro His His Thr Ala Leu  
1 5 10

<210> 1272  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1272  
Phe Arg Lys Ile Pro Met Gly Val Gly Leu  
1 5 10

<210> 1273  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1273  
Phe Arg Lys Leu Pro Val Asn Arg Pro Ile  
1 5 10

<210> 1274  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1274  
Gly Arg Glu Thr Val Leu Glu Tyr Leu Val  
1 5 10

<210> 1275  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1275  
His His Thr Ala Leu Arg Gln Ala Ile Leu

1 5 10

<210> 1276  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1276  
His Lys Val Gly Asn Phe Thr Gly Leu Tyr  
1 5 10

<210> 1277  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1277  
Lys Arg Trp Gly Tyr Ser Leu Asn Phe Met  
1 5 10

<210> 1278  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1278  
Leu His Leu Tyr Ser His Pro Ile Ile Leu  
1 5 10

<210> 1279  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1279  
Leu His Pro Ala Ala Met Pro His Leu Leu  
1 5 10

<210> 1280  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1280

Leu His Thr Leu Trp Lys Ala Gly Ile Leu  
1 5 10

<210> 1281

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1281

Leu Lys Leu Ile Met Pro Ala Arg Phe Tyr  
1 5 10

<210> 1282

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1282

Leu Arg Arg Phe Ile Ile Phe Leu Phe Ile  
1 5 10

<210> 1283

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1283

Asn Lys Thr Lys Arg Trp Gly Tyr Ser Leu  
1 5 10

<210> 1284

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1284

Asn Arg Arg Val Ala Glu Asp Leu Asn Leu  
1 5 10

<210> 1285

<211> 10

<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1285  
Pro His His Thr Ala Leu Arg Gln Ala Ile  
1 5 10

<210> 1286  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1286  
Pro His Leu Leu Val Gly Ser Ser Gly Leu  
1 5 10

<210> 1287  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1287  
Gln Arg Ile Val Gly Leu Leu Gly Phe Ala  
1 5 10

<210> 1288  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1288  
Arg His Tyr Leu His Thr Leu Trp Lys Ala  
1 5 10

<210> 1289  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1289  
Arg Lys Tyr Thr Ser Phe Pro Trp Leu Leu  
1 5 10

<210> 1290  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1290  
Arg Arg Ala Phe Pro His Cys Leu Ala Phe  
1 5 10

<210> 1291  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1291  
Arg Arg Phe Ile Ile Phe Leu Phe Ile Leu  
1 5 10

<210> 1292  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1292  
Ser Arg Lys Tyr Thr Ser Phe Pro Trp Leu  
1 5 10

<210> 1293  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1293  
Ser Arg Leu Val Val Asp Phe Ser Gln Phe  
1 5 10

<210> 1294  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide

<400> 1294  
Thr His Lys Val Gly Asn Phe Thr Gly Leu  
1 5 10

<210> 1295  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1295  
Thr Lys Arg Trp Gly Tyr Ser Leu Asn Phe  
1 5 10

<210> 1296  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1296  
Thr Lys Tyr Leu Pro Leu Asp Lys Gly Ile  
1 5 10

<210> 1297  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1297  
Thr Arg Ile Leu Thr Ile Pro Gln Ser Leu  
1 5 10

<210> 1298  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1298  
Val His Phe Ala Ser Pro Leu His Val Ala  
1 5 10

<210> 1299  
<211> 10  
<212> PRT



<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1299

Val	Arg	Phe	Ser	Trp	Leu	Ser	Leu	Leu	Val
1				5					10

<210> 1300

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1300

Val	Arg	Arg	Ala	Phe	Pro	His	Cys	Leu	Ala
1				5					10

<210> 1301

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1301

Trp	Lys	Val	Cys	Gln	Arg	Ile	Val	Gly	Leu
1				5					10

<210> 1302

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1302

Tyr	Arg	Trp	Met	Cys	Leu	Arg	Arg	Phe	Ile
1				5					10

<210> 1303

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1303

Asp	His	Gly	Ala	His	Leu	Ser	Leu	Arg	Gly	Leu
1				5						10

<210> 1304  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1304  
Ile His Leu Asn Pro Asn Lys Thr Lys Arg Trp  
1 5 10

<210> 1305  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1305  
Ile His Thr Ala Glu Leu Leu Ala Ala Cys Phe  
1 5 10

<210> 1306  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1306  
Leu His Pro Ala Ala Met Pro His Leu Leu Val  
1 5 10

<210> 1307  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1307  
Leu His Thr Leu Trp Lys Ala Gly Ile Leu Tyr  
1 5 10

<210> 1308  
<211> 11  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide

<400> 1308  
Leu Arg Gln Ala Ile Leu Cys Trp Gly Glu Leu  
1 5 10

<210> 1309  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1309  
Leu Arg Arg Phe Ile Ile Phe Leu Phe Ile Leu  
1 5 10

<210> 1310  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1310  
Pro His His Thr Ala Leu Arg Gln Ala Ile Leu  
1 5 10

<210> 1311  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1311  
Pro Lys Phe Ala Val Pro Asn Leu Gln Ser Leu  
1 5 10

<210> 1312  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1312  
Pro Lys Val Leu His Lys Arg Thr Leu Gly Leu  
1 5 10

<210> 1313  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1313  
Pro Arg Thr Pro Ala Arg Val Thr Gly Gly Val  
1 5 10

<210> 1314  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1314  
Gln Arg Ile Val Gly Leu Leu Gly Phe Ala Ala  
1 5 10

<210> 1315  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1315  
Arg Lys Leu Pro Val Asn Arg Pro Ile Asp Trp  
1 5 10

<210> 1316  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1316  
Arg Arg Phe Ile Ile Phe Leu Phe Ile Leu Leu  
1 5 10

<210> 1317  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1317  
Arg Arg Leu Lys Leu Ile Met Pro Ala Arg Phe  
1 5 10

<210> 1318  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1318  
Ser His Pro Ile Ile Leu Gly Phe Arg Lys Ile  
1 5 10

<210> 1319  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1319  
Ser Lys Leu Cys Leu Gly Trp Leu Trp Gly Met  
1 5 10

<210> 1320  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1320  
Ser Arg Lys Tyr Thr Ser Phe Pro Trp Leu Leu  
1 5 10

<210> 1321  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1321  
Thr His Lys Val Gly Asn Phe Thr Gly Leu Tyr  
1 5 10

<210> 1322  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1322

Thr Lys Arg Trp Gly Tyr Ser Leu Asn Phe Met  
1 5 10

<210> 1323  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1323  
Thr Arg His Tyr Leu His Thr Leu Trp Lys Ala  
1 5 10

<210> 1324  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1324  
Val His Phe Ala Ser Pro Leu His Val Ala Trp  
1 5 10

<210> 1325  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1325  
Val Arg Arg Ala Phe Pro His Cys Leu Ala Phe  
1 5 10

<210> 1326  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1326  
Trp Lys Val Cys Gln Arg Ile Val Gly Leu Leu  
1 5 10

<210> 1327  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1327  
Tyr Arg Trp Met Cys Leu Arg Arg Phe Ile Ile  
1 5 10

<210> 1328  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1328  
Ala Ala Met Pro His Leu Leu Val  
1 5

<210> 1329  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1329  
Ala Ser Ala Leu Tyr Arg Glu Ala  
1 5

<210> 1330  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1330  
Ala Ser Phe Cys Gly Ser Pro Tyr  
1 5

<210> 1331  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1331  
Ala Ser Lys Leu Cys Leu Gly Trp  
1 5

<210> 1332

<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1332  
Ala Ser Pro Leu His Val Ala Trp  
1 5

<210> 1333  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1333  
Ala Ser Val Arg Phe Ser Trp Leu  
1 5

<210> 1334  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1334  
Ala Thr Pro Thr Gly Trp Gly Leu  
1 5

<210> 1335  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1335  
Cys Ala Leu Arg Phe Thr Ser Ala  
1 5

<210> 1336  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1336  
Cys Ser Pro His His Thr Ala Leu



1

5

<210> 1337

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1337

Cys Ser Val Val Arg Arg Ala Phe

1

5

<210> 1338

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1338

Glu Ser Arg Leu Val Val Asp Phe

1

5

<210> 1339

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1339

Glu Thr Val Leu Glu Tyr Leu Val

1

5

<210> 1340

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1340

Phe Ala Arg Ser Arg Ser Gly Ala

1

5

<210> 1341

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1341

Phe Ala Ser Pro Leu His Val Ala  
1 5

<210> 1342

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1342

Phe Ser Pro Thr Tyr Lys Ala Phe  
1 5

<210> 1343

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1343

Phe Ser Ser Ala Gly Pro Cys Ala  
1 5

<210> 1344

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1344

Phe Ser Trp Leu Ser Leu Leu Val  
1 5

<210> 1345

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1345

Phe Ser Tyr Met Asp Asp Val Val  
1 5

<210> 1346

<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1346  
Phe Thr Gln Cys Gly Tyr Pro Ala  
1 5

<210> 1347  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1347  
Phe Thr Ser Ala Ile Cys Ser Val  
1 5

<210> 1348  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1348  
Gly Ala Lys Ser Val Gln His Leu  
1 5

<210> 1349  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1349  
Gly Thr Asp Asn Ser Val Val Leu  
1 5

<210> 1350  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1350  
His Thr Ala Glu Leu Leu Ala Ala  
1 5

<210> 1351  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1351  
His Thr Ala Leu Arg Gln Ala Ile  
1 5

<210> 1352  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1352  
His Thr Leu Trp Lys Ala Gly Ile  
1 5

<210> 1353  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1353  
Leu Ala Gln Phe Thr Ser Ala Ile  
1 5

<210> 1354  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1354  
Leu Ser Phe Leu Pro Ser Asp Phe  
1 5

<210> 1355  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1355  
Leu Ser Leu Asp Val Ser Ala Ala  
1 5

<210> 1356  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1356  
Leu Ser Leu Leu Val Pro Phe Val  
1 5

<210> 1357  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1357  
Leu Ser Leu Arg Gly Leu Pro Val  
1 5

<210> 1358  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1358  
Leu Ser Arg Lys Tyr Thr Ser Phe  
1 5

<210> 1359  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1359  
Leu Ser Ser Asn Leu Ser Trp Leu  
1 5

<210> 1360  
<211> 8  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1360

Leu Ser Trp Leu Ser Leu Asp Val

1

5

<210> 1361

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1361

Leu Thr Phe Gly Arg Glu Thr Val

1

5

<210> 1362

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1362

Met Ser Thr Thr Asp Leu Glu Ala

1

5

<210> 1363

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1363

Asn Ala Pro Ile Leu Ser Thr Leu

1

5

<210> 1364

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1364

Pro Ala Ala Met Pro His Leu Leu

1

5

<210> 1365  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1365  
Pro Ala Leu Met Pro Leu Tyr Ala  
1 5  
  
<210> 1366  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1366  
Pro Ala Arg Asp Val Leu Cys Leu  
1 5  
  
<210> 1367  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1367  
Pro Ala Arg Val Thr Gly Gly Val  
1 5  
  
<210> 1368  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 1368  
Pro Ala Tyr Arg Pro Pro Asn Ala  
1 5  
  
<210> 1369  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide

<400> 1369  
Pro Ser Arg Gly Arg Leu Gly Leu  
1 5

<210> 1370  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1370  
Pro Thr Gly Trp Gly Leu Ala Ile  
1 5

<210> 1371  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1371  
Pro Thr Thr Gly Arg Thr Ser Leu  
1 5

<210> 1372  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1372  
Pro Thr Val Gln Ala Ser Lys Leu  
1 5

<210> 1373  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1373  
Pro Thr Val Trp Leu Ser Val Ile  
1 5

<210> 1374  
<211> 8  
<212> PRT  
<213> Artificial Sequence



<220>  
<223> Artificially Synthesized Peptide

<400> 1374  
Arg Ala Phe Pro His Cys Leu Ala  
1 5

<210> 1375  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1375  
Arg Thr Leu Gly Leu Ser Ala Met  
1 5

<210> 1376  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1376  
Ser Ala Leu Tyr Arg Glu Ala Leu  
1 5

<210> 1377  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1377  
Ser Ser Ala Gly Pro Cys Ala Leu  
1 5

<210> 1378  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1378  
Ser Ser Gly Thr Val Asn Pro Val  
1 5

<210> 1379  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1379  
Ser Ser Lys Pro Arg Gln Gly Met  
1 5

<210> 1380  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1380  
Ser Thr Leu Pro Glu Thr Thr Val  
1 5

<210> 1381  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1381  
Ser Thr Thr Asp Leu Glu Ala Tyr  
1 5

<210> 1382  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1382  
Thr Ala Leu Arg Gln Ala Ile Leu  
1 5

<210> 1383  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1383

Thr Ser Ala Ile Cys Ser Val Val  
1 5

<210> 1384  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1384  
Thr Ser Gly Phe Leu Gly Pro Leu  
1 5

<210> 1385  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1385  
Thr Thr Asp Leu Glu Ala Tyr Phe  
1 5

<210> 1386  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1386  
Thr Thr Gly Arg Thr Ser Leu Tyr  
1 5

<210> 1387  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1387  
Val Ser Trp Pro Lys Phe Ala Val  
1 5

<210> 1388  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1388  
Val Ser Tyr Val Asn Val Asn Met  
1 5

<210> 1389  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1389  
Val Thr Gly Gly Val Phe Leu Val  
1 5

<210> 1390  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1390  
Trp Ser Pro Gln Ala Gln Gly Ile  
1 5

<210> 1391  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1391  
Trp Thr His Lys Val Gly Asn Phe  
1 5

<210> 1392  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1392  
Tyr Ser Leu Asn Phe Met Gly Tyr  
1 5

<210> 1393

<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1393  
Tyr Thr Ser Phe Pro Trp Leu Leu  
1 5

<210> 1394  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1394  
Ala Ala Pro Phe Thr Gln Cys Gly Tyr  
1 5

<210> 1395  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1395  
Ala Ser Ala Leu Tyr Arg Glu Ala Leu  
1 5

<210> 1396  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1396  
Ala Ser Lys Leu Cys Leu Gly Trp Leu  
1 5

<210> 1397  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 1397  
Ala Thr Pro Thr Gly Trp Gly Leu Ala

1

5

<210> 1398

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1398

Cys Ser Arg Asn Leu Tyr Val Ser Leu

1

5

<210> 1399

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1399

Asp Ala Thr Pro Thr Gly Trp Gly Leu

1

5

<210> 1400

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1400

Asp Ser Trp Trp Thr Ser Leu Asn Phe

1

5

<210> 1401

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 1401

Glu Ala Gly Pro Leu Glu Glu Glu Leu

1

5

<210> 1402

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<400> 2894  
Phe Thr Gly Leu Tyr Ser Ser Thr Val  
1 5

<210> 2895  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2895  
Phe Thr Ser Ala Ile Cys Ser Val Val  
1 5

<210> 2896  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2896  
Phe Val Gly Leu Ser Pro Thr Val Trp  
1 5

<210> 2897  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2897  
Phe Val Leu Gly Gly Cys Arg His Lys  
1 5

<210> 2898  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2898  
Phe Val Gln Trp Phe Val Gly Leu Ser  
1 5

<210> 2899  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2899  
Phe Val Tyr Val Pro Ser Ala Leu Asn  
1 5

<210> 2900  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2900  
Ile Asp Trp Lys Val Cys Gln Arg Ile  
1 5

<210> 2901  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2901  
Ile Phe Leu Phe Ile Leu Leu Leu Cys  
1 5

<210> 2902  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2902  
Ile Phe Leu Leu Val Leu Leu Asp Tyr  
1 5

<210> 2903  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2903  
Ile Gly Thr Asp Asn Ser Val Val Leu  
1 5



<210> 2904  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2904  
Ile His Thr Ala Glu Leu Leu Ala Ala  
1 5

<210> 2905  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2905  
Ile Ile Phe Leu Phe Ile Leu Leu Leu  
1 5

<210> 2906  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2906  
Ile Leu Leu Leu Cys Leu Ile Phe Leu  
1 5

<210> 2907  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2907  
Ile Leu Arg Gly Thr Ser Phe Val Tyr  
1 5

<210> 2908  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2908

Ile Leu Ser Thr Leu Pro Glu Thr Thr  
1 5

<210> 2909  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2909  
Ile Pro Ile Pro Ser Ser Trp Ala Phe  
1 5

<210> 2910  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2910  
Ile Arg Thr Pro Pro Ala Tyr Arg Pro  
1 5

<210> 2911  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2911  
Leu Ala Ala Cys Phe Ala Arg Ser Arg  
1 5

<210> 2912  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2912  
Leu Ala Phe Ser Tyr Met Asp Asp Val  
1 5

<210> 2913  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2913  
Leu Ala Gln Phe Thr Ser Ala Ile Cys  
1 5

<210> 2914  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2914  
Leu Cys Leu Gly Trp Leu Trp Gly Met  
1 5

<210> 2915  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2915  
Leu Cys Leu Ile Phe Leu Leu Val Leu  
1 5

<210> 2916  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2916  
Leu Cys Leu Arg Pro Val Gly Ala Glu  
1 5

<210> 2917  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2917  
Leu Cys Gln Val Phe Ala Asp Ala Thr  
1 5

<210> 2918

<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2918  
Leu Asp Ser Trp Trp Thr Ser Leu Asn  
1 5

<210> 2919  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2919  
Leu Asp Thr Ala Ser Ala Leu Tyr Arg  
1 5

<210> 2920  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2920  
Leu Asp Val Ser Ala Ala Phe Tyr His  
1 5

<210> 2921  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2921  
Leu Asp Tyr Gln Gly Met Leu Pro Val  
1 5

<210> 2922  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2922  
Leu Glu Glu Glu Leu Pro Arg Leu Ala

1

5

<210> 2923

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2923

Leu Phe Ile Leu Leu Leu Cys Leu Ile

1

5

<210> 2924

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2924

Leu Gly Ala Lys Ser Val Gln His Leu

1

5

<210> 2925

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2925

Leu Gly Phe Ala Ala Pro Phe Thr Gln

1

5

<210> 2926

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2926

Leu Gly Phe Arg Lys Ile Pro Met Gly

1

5

<210> 2927

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2927

Leu Gly Asn Leu Asn Val Ser Ile Pro  
1 5

<210> 2928

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2928

Leu Gly Pro Leu Leu Val Leu Gln Ala  
1 5

<210> 2929

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2929

Leu His Pro Ala Ala Met Pro His Leu  
1 5

<210> 2930

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2930

Leu Ile Phe Leu Leu Val Leu Leu Asp  
1 5

<210> 2931

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2931

Leu Lys Leu Ile Met Pro Ala Arg Phe  
1 5

<210> 2932

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2932  
Leu Lys Val Phe Val Leu Gly Gly Cys  
1 5

<210> 2933  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2933  
Leu Leu Ala Gln Phe Thr Ser Ala Ile  
1 5

<210> 2934  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2934  
Leu Leu Asp Thr Ala Ser Ala Leu Tyr  
1 5

<210> 2935  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2935  
Leu Leu Gly Cys Ala Ala Asn Trp Ile  
1 5

<210> 2936  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2936  
Leu Leu Gly Phe Ala Ala Pro Phe Thr  
1 5

<210> 2937  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2937  
Leu Leu Gly Trp Ser Pro Gln Ala Gln  
1 5

<210> 2938  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2938  
Leu Leu Leu Cys Leu Ile Phe Leu Leu  
1 5

<210> 2939  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2939  
Leu Leu Ser Phe Leu Pro Ser Asp Phe  
1 5

<210> 2940  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2940  
Leu Leu Ser Leu Gly Ile His Leu Asn  
1 5

<210> 2941  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide



<400> 2941  
Leu Leu Ser Ser Asn Leu Ser Trp Leu  
1 5

<210> 2942  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2942  
Leu Leu Thr Arg Ile Leu Thr Ile Pro  
1 5

<210> 2943  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2943  
Leu Leu Val Leu Gln Ala Gly Phe Phe  
1 5

<210> 2944  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2944  
Leu Leu Val Pro Phe Val Gln Trp Phe  
1 5

<210> 2945  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2945  
Leu Leu Trp Phe His Ile Ser Cys Leu  
1 5

<210> 2946  
<211> 9  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2946

Leu Met Pro Leu Tyr Ala Cys Ile Gln  
1 5

<210> 2947

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2947

Leu Asn Leu Gly Asn Leu Asn Val Ser  
1 5

<210> 2948

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2948

Leu Asn Pro Asn Lys Thr Lys Arg Trp  
1 5

<210> 2949

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2949

Leu Asn Arg Arg Val Ala Glu Asp Leu  
1 5

<210> 2950

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2950

Leu Asn Val Ser Ile Pro Trp Thr His  
1 5

<210> 2951  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2951  
Leu Pro Glu Thr Thr Val Val Arg Arg  
1 5  
  
<210> 2952  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2952  
Leu Pro Ile Phe Phe Cys Leu Trp Val  
1 5  
  
<210> 2953  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2953  
Leu Pro Ile His Thr Ala Glu Leu Leu  
1 5  
  
<210> 2954  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2954  
Leu Pro Val Asn Arg Pro Ile Asp Trp  
1 5  
  
<210> 2955  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide

<400> 2955

Leu Gln Phe Arg Asn Ser Lys Pro Cys  
1 5

<210> 2956

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2956

Leu Arg Gly Leu Pro Val Cys Ala Phe  
1 5

<210> 2957

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2957

Leu Arg Pro Val Gly Ala Glu Ser Arg  
1 5

<210> 2958

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2958

Leu Arg Gln Ala Ile Leu Cys Trp Gly  
1 5

<210> 2959

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2959

Leu Arg Arg Phe Ile Ile Phe Leu Phe  
1 5

<210> 2960

<211> 9

<212> PRT

<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2960  
Leu Ser Phe Leu Pro Ser Asp Phe Phe  
1 5

<210> 2961  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2961  
Leu Ser Leu Asp Val Ser Ala Ala Phe  
1 5

<210> 2962  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2962  
Leu Ser Leu Leu Val Pro Phe Val Gln  
1 5

<210> 2963  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2963  
Leu Ser Leu Arg Gly Leu Pro Val Cys  
1 5

<210> 2964  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2964  
Leu Ser Pro Phe Leu Leu Ala Gln Phe  
1 5

<210> 2965  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2965  
Leu Ser Arg Lys Tyr Thr Ser Phe Pro  
1 5  
  
<210> 2966  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2966  
Leu Ser Ser Asn Leu Ser Trp Leu Ser  
1 5  
  
<210> 2967  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2967  
Leu Ser Val Pro Asn Pro Leu Gly Phe  
1 5  
  
<210> 2968  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2968  
Leu Ser Trp Leu Ser Leu Asp Val Ser  
1 5  
  
<210> 2969  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 2969

Leu Thr Ile Pro Gln Ser Leu Asp Ser  
1 5

<210> 2970  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2970  
Leu Thr Asn Leu Leu Ser Ser Asn Leu  
1 5

<210> 2971  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2971  
Leu Thr Arg Ile Leu Thr Ile Pro Gln  
1 5

<210> 2972  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2972  
Leu Val Asp Lys Asn Pro His Asn Thr  
1 5

<210> 2973  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2973  
Leu Val Ser Phe Gly Val Trp Ile Arg  
1 5

<210> 2974  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2974  
Leu Val Val Asp Phe Ser Gln Phe Ser  
1 5

<210> 2975  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2975  
Leu Trp Phe His Ile Ser Cys Leu Thr  
1 5

<210> 2976  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2976  
Leu Trp Gly Met Asp Ile Asp Pro Tyr  
1 5

<210> 2977  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2977  
Leu Trp Lys Ala Gly Ile Leu Tyr Lys  
1 5

<210> 2978  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2978  
Leu Tyr Arg Glu Ala Leu Glu Ser Pro  
1 5

<210> 2979



<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2979  
Leu Tyr Ser His Pro Ile Ile Leu Gly  
1 5

<210> 2980  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2980  
Met Asp Asp Val Val Leu Gly Ala Lys  
1 5

<210> 2981  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2981  
Met Gly Val Gly Leu Ser Pro Phe Leu  
1 5

<210> 2982  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2982  
Met Pro His Leu Leu Val Gly Ser Ser  
1 5

<210> 2983  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2983  
Met Gln Trp Asn Ser Thr Thr Phe His

1

5

<210> 2984

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2984

Met Ser Thr Thr Asp Leu Glu Ala Tyr

1

5

<210> 2985

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2985

Met Trp Tyr Trp Gly Pro Ser Leu Tyr

1

5

<210> 2986

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2986

Val Cys Ala Phe Ser Ser Ala Gly Pro

1

5

<210> 2987

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2987

Val Cys Gln Arg Ile Val Gly Leu Leu

1

5

<210> 2988

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2988

Val Phe Ala Asp Ala Thr Pro Thr Gly  
1 5

<210> 2989

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2989

Val Gly Leu Ser Pro Thr Val Trp Leu  
1 5

<210> 2990

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2990

Val Gly Pro Leu Thr Val Asn Glu Lys  
1 5

<210> 2991

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2991

Val His Phe Ala Ser Pro Leu His Val  
1 5

<210> 2992

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 2992

Val Leu Cys Leu Arg Pro Val Gly Ala  
1 5

<210> 2993

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2993  
Val Leu Gly Ala Lys Ser Val Gln His  
1 5

<210> 2994  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2994  
Val Leu His Lys Arg Thr Leu Gly Leu  
1 5

<210> 2995  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2995  
Val Pro Asn Leu Gln Ser Leu Thr Asn  
1 5

<210> 2996  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2996  
Val Gln Ala Ser Lys Leu Cys Leu Gly  
1 5

<210> 2997  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2997  
Val Arg Phe Ser Trp Leu Ser Leu Leu  
1 5

<210> 2998  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2998  
Val Arg Arg Ala Phe Pro His Cys Leu  
1 5

<210> 2999  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 2999  
Val Ser Ile Pro Trp Thr His Lys Val  
1 5

<210> 3000  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3000  
Val Trp Ile Arg Thr Pro Pro Ala Tyr  
1 5

<210> 3001  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3001  
Val Tyr Val Pro Ser Ala Leu Asn Pro  
1 5

<210> 3002  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3002  
Trp Phe His Ile Ser Cys Leu Thr Phe  
1 5

<210> 3003  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3003  
Trp Phe Val Gly Leu Ser Pro Thr Val  
1 5

<210> 3004  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3004  
Trp Ile Leu Arg Gly Thr Ser Phe Val  
1 5

<210> 3005  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3005  
Trp Ile Arg Thr Pro Pro Ala Tyr Arg  
1 5

<210> 3006  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3006  
Trp Lys Ala Gly Ile Leu Tyr Lys Arg  
1 5

<210> 3007  
<211> 9  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3007

Trp Leu Leu Gly Cys Ala Ala Asn Trp  
1 5

<210> 3008

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3008

Trp Leu Ser Leu Asp Val Ser Ala Ala  
1 5

<210> 3009

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3009

Trp Leu Ser Leu Leu Val Pro Phe Val  
1 5

<210> 3010

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3010

Trp Pro Lys Phe Ala Val Pro Asn Leu  
1 5

<210> 3011

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3011

Tyr Met Asp Asp Val Val Leu Gly Ala  
1 5

<210> 3012  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 3012  
Tyr Pro Ala Leu Met Pro Leu Tyr Ala  
1 5  
  
<210> 3013  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 3013  
Tyr Gln Gly Met Leu Pro Val Cys Pro  
1 5  
  
<210> 3014  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 3014  
Tyr Arg Pro Pro Asn Ala Pro Ile Leu  
1 5  
  
<210> 3015  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 3015  
Tyr Arg Trp Met Cys Leu Arg Arg Phe  
1 5  
  
<210> 3016  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide



<400> 3016  
Tyr Ser His Pro Ile Ile Leu Gly Phe  
1 5

<210> 3017  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3017  
Tyr Ser Leu Asn Phe Met Gly Tyr Val  
1 5

<210> 3018  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3018  
Tyr Val Pro Ser Ala Leu Asn Pro Ala  
1 5

<210> 3019  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3019  
Phe Phe Cys Leu Trp Val Tyr Ile Glx  
1 5

<210> 3020  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3020  
Met Gly Thr Asn Leu Ser Val Pro Asn  
1 5

<210> 3021  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3021

Leu Leu Gly Phe Ala Ala Pro Phe Thr Gln Cys Gly Tyr Pro Ala  
1 5 10 15

<210> 3022

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3022

Cys Gln Val Phe Ala Asp Ala Thr Pro Thr Gly Trp Gly Leu Ala  
1 5 10 15

<210> 3023

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3023

Trp Pro Lys Phe Ala Val Pro Asn Leu Gln Ser Leu Thr Asn Leu  
1 5 10 15

<210> 3024

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3024

Cys Leu Thr Phe Gly Arg Glu Thr Val Leu Glu Tyr Leu Val Ser  
1 5 10 15

<210> 3025

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3025

Arg Arg Ser Phe Gly Val Glu Pro Ser Gly Ser Gly His Ile Asp  
1 5 10 15

<210> 3026  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3026  
Leu Leu Trp Phe His Ile Ser Cys Leu Thr Phe Gly Arg Glu Thr  
1 5 10 15

<210> 3027  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3027  
Met Gln Leu Phe His Leu Cys Leu Ile Ile Ser Cys Ser Cys Pro  
1 5 10 15

<210> 3028  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3028  
Ile Phe Leu Phe Ile Leu Leu Leu Cys Leu Ile Phe Leu Leu Val  
1 5 10 15

<210> 3029  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3029  
Phe Ile Ile Phe Leu Phe Ile Leu Leu Leu Cys Leu Ile Phe Leu  
1 5 10 15

<210> 3030  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3030

Thr Ser Gly Phe Leu Gly Pro Leu Leu Val Leu Gln Ala Gly Phe  
1 5 10 15

<210> 3031

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3031

Ala Gly Phe Phe Leu Leu Thr Arg Ile Leu Thr Ile Pro Gln Ser  
1 5 10 15

<210> 3032

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3032

Cys Leu Ile Phe Leu Leu Val Leu Leu Asp Tyr Gln Gly Met Leu  
1 5 10 15

<210> 3033

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3033

Gly Leu Tyr Phe Pro Ala Gly Gly Ser Ser Ser Gly Thr Val Asn  
1 5 10 15

<210> 3034

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3034

Leu Gly Phe Phe Pro Asp His Gln Leu Asp Pro Ala Phe Gly Ala  
1 5 10 15

<210> 3035

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3035

Arg	Arg	Ala	Phe	Pro	His	Cys	Leu	Ala	Phe	Ser	Tyr	Met	Asp	Asp
1				5					10					15

<210> 3036

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3036

Ile	Leu	Gly	Phe	Arg	Lys	Ile	Pro	Met	Gly	Val	Gly	Leu	Ser	Pro
1				5					10					15

<210> 3037

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3037

Lys	Gln	Cys	Phe	Arg	Lys	Leu	Pro	Val	Asn	Arg	Pro	Ile	Asp	Trp
1				5					10					15

<210> 3038

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3038

Val	Cys	Ala	Phe	Ser	Ser	Ala	Gly	Pro	Cys	Ala	Leu	Arg	Phe	Thr
1				5					10					15

<210> 3039

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3039

Ser	Val	Arg	Phe	Ser	Trp	Leu	Ser	Leu	Leu	Val	Pro	Phe	Val	Gln
1				5					10					15

<210> 3040

<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3040  
Lys Gln Ala Phe Thr Phe Ser Pro Thr Tyr Lys Ala Phe Leu Cys  
1 5 10 15

<210> 3041  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3041  
Val Gly Asn Phe Thr Gly Leu Tyr Ser Ser Thr Val Pro Val Phe  
1 5 10 15

<210> 3042  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3042  
Leu Ala Gln Phe Thr Ser Ala Ile Cys Ser Val Val Arg Arg Ala  
1 5 10 15

<210> 3043  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3043  
Val Gln Trp Phe Val Gly Leu Ser Pro Thr Val Trp Leu Ser Val  
1 5 10 15

<210> 3044  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3044  
Leu Lys Val Phe Val Leu Gly Gly Cys Arg His Lys Leu Val Cys

1 5 10 15

<210> 3045

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3045

Leu Val Pro Phe Val Gln Trp Phe Val Gly Leu Ser Pro Thr Val  
1 5 10 15

<210> 3046

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3046

Gly Thr Ser Phe Val Tyr Val Pro Ser Ala Leu Asn Pro Ala Asp  
1 5 10 15

<210> 3047

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3047

Asn Arg Pro Ile Asp Trp Lys Val Cys Gln Arg Ile Val Gly Leu  
1 5 10 15

<210> 3048

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3048

Arg Phe Ile Ile Phe Leu Phe Ile Leu Leu Leu Cys Leu Ile Phe  
1 5 10 15

<210> 3049

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3049

Leu	Cys	Leu	Ile	Phe	Leu	Leu	Val	Leu	Leu	Asp	Tyr	Gln	Gly	Met
1				5				10						15

<210> 3050

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3050

Ala	Lys	Leu	Ile	Gly	Thr	Asp	Asn	Ser	Val	Val	Leu	Ser	Arg	Lys
1				5				10						15

<210> 3051

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3051

Pro	Leu	Pro	Ile	His	Thr	Ala	Glu	Leu	Leu	Ala	Ala	Cys	Phe	Ala
1				5				10						15

<210> 3052

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3052

Arg	Arg	Phe	Ile	Ile	Phe	Leu	Phe	Ile	Leu	Leu	Leu	Cys	Leu	Ile
1				5				10						15

<210> 3053

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3053

Phe	Leu	Phe	Ile	Leu	Leu	Leu	Cys	Leu	Ile	Phe	Leu	Leu	Val	Leu
1				5				10						15

<210> 3054

<211> 15



<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3054  
Ala Asn Trp Ile Leu Arg Gly Thr Ser Phe Val Tyr Val Pro Ser  
1 5 10 15

<210> 3055  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3055  
Asn Ala Pro Ile Leu Ser Thr Leu Pro Glu Thr Thr Val Val Arg  
1 5 10 15

<210> 3056  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3056  
Cys Thr Cys Ile Pro Ile Pro Ser Ser Trp Ala Phe Ala Arg Phe  
1 5 10 15

<210> 3057  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3057  
Gly Val Trp Ile Arg Thr Pro Pro Ala Tyr Arg Pro Pro Asn Ala  
1 5 10 15

<210> 3058  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3058  
Ala Glu Leu Leu Ala Ala Cys Phe Ala Arg Ser Arg Ser Gly Ala  
1 5 10 15

<210> 3059

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3059

Pro	His	Cys	Leu	Ala	Phe	Ser	Tyr	Met	Asp	Asp	Val	Val	Leu	Gly
1				5					10					15

<210> 3060

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3060

Pro	Phe	Leu	Leu	Ala	Gln	Phe	Thr	Ser	Ala	Ile	Cys	Ser	Val	Val
1				5					10					15

<210> 3061

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3061

Ala	Ser	Lys	Leu	Cys	Leu	Gly	Trp	Leu	Trp	Gly	Met	Asp	Ile	Asp
1				5					10					15

<210> 3062

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3062

Ile	Leu	Leu	Leu	Cys	Leu	Ile	Phe	Leu	Leu	Val	Leu	Leu	Asp	Tyr
1				5					10					15

<210> 3063

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3063  
Arg Asp Val Leu Cys Leu Arg Pro Val Gly Ala Glu Ser Arg Gly  
1 5 10 15

<210> 3064  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3064  
Arg Pro Gly Leu Cys Gln Val Phe Ala Asp Ala Thr Pro Thr Gly  
1 5 10 15

<210> 3065  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3065  
Pro Gln Ser Leu Asp Ser Trp Trp Thr Ser Leu Asn Phe Leu Gly  
1 5 10 15

<210> 3066  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3066  
Arg Asp Leu Leu Asp Thr Ala Ser Ala Leu Tyr Arg Glu Ala Leu  
1 5 10 15

<210> 3067  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3067  
Trp Leu Ser Leu Asp Val Ser Ala Ala Phe Tyr His Ile Pro Leu  
1 5 10 15

<210> 3068  
<211> 15  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3068

Leu	Val	Leu	Leu	Asp	Tyr	Gln	Gly	Met	Leu	Pro	Val	Cys	Pro	Leu
1				5					10					15

<210> 3069

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3069

Ala	Gly	Pro	Leu	Glu	Glu	Glu	Leu	Pro	Arg	Leu	Ala	Asp	Glu	Gly
1				5					10					15

<210> 3070

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3070

Ile	Ile	Phe	Leu	Phe	Ile	Leu	Leu	Leu	Cys	Leu	Ile	Phe	Leu	Leu
1				5					10					15

<210> 3071

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3071

Asp	Val	Val	Leu	Gly	Ala	Lys	Ser	Val	Gln	His	Leu	Glu	Ser	Leu
1				5					10					15

<210> 3072

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3072

Val	Gly	Leu	Leu	Gly	Phe	Ala	Ala	Pro	Phe	Thr	Gln	Cys	Gly	Tyr
1				5					10					15

<210> 3073  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3073  
Pro Ile Ile Leu Gly Phe Arg Lys Ile Pro Met Gly Val Gly Leu  
1 5 10 15

<210> 3074  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3074  
Asp Leu Asn Leu Gly Asn Leu Asn Val Ser Ile Pro Trp Thr His  
1 5 10 15

<210> 3075  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3075  
Ser Gly Phe Leu Gly Pro Leu Leu Val Leu Gln Ala Gly Phe Phe  
1 5 10 15

<210> 3076  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3076  
His Leu Pro Leu His Pro Ala Ala Met Pro His Leu Leu Val Gly  
1 5 10 15

<210> 3077  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3077

Leu Leu Cys Leu Ile Phe Leu Leu Val Leu Leu Asp Tyr Gln Gly  
1 5 10 15

<210> 3078

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3078

Lys Arg Arg Leu Lys Leu Ile Met Pro Ala Arg Phe Tyr Pro Asn  
1 5 10 15

<210> 3079

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3079

Glu Ile Arg Leu Lys Val Phe Val Leu Gly Gly Cys Arg His Lys  
1 5 10 15

<210> 3080

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3080

Ser Pro Phe Leu Leu Ala Gln Phe Thr Ser Ala Ile Cys Ser Val  
1 5 10 15

<210> 3081

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3081

Ile Arg Asp Leu Leu Asp Thr Ala Ser Ala Leu Tyr Arg Glu Ala  
1 5 10 15

<210> 3082

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3082

Phe	Pro	Trp	Leu	Leu	Gly	Cys	Ala	Ala	Asn	Trp	Ile	Leu	Arg	Gly
1				5					10					15

<210> 3083

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3083

Ile	Val	Gly	Leu	Leu	Gly	Phe	Ala	Ala	Pro	Phe	Thr	Gln	Cys	Gly
1				5					10					15

<210> 3084

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3084

His	Gly	Gly	Leu	Leu	Gly	Trp	Ser	Pro	Gln	Ala	Gln	Gly	Ile	Leu
1				5					10					15

<210> 3085

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3085

Leu	Phe	Ile	Leu	Leu	Leu	Cys	Leu	Ile	Phe	Leu	Leu	Val	Leu	Leu
1				5					10					15

<210> 3086

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3086

Ser	Val	Glu	Leu	Leu	Ser	Phe	Leu	Pro	Ser	Asp	Phe	Phe	Pro	Ser
1				5					10					15

<210> 3087  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3087  
Thr Asn Phe Leu Leu Ser Leu Gly Ile His Leu Asn Pro Asn Lys  
1 5 10 15

<210> 3088  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3088  
Leu Thr Asn Leu Leu Ser Ser Asn Leu Ser Trp Leu Ser Leu Asp  
1 5 10 15

<210> 3089  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3089  
Gly Phe Phe Leu Leu Thr Arg Ile Leu Thr Ile Pro Gln Ser Leu  
1 5 10 15

<210> 3090  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3090  
Leu Gly Pro Leu Leu Val Leu Gln Ala Gly Phe Phe Leu Leu Thr  
1 5 10 15

<210> 3091  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3091



Trp Leu Ser Leu Leu Val Pro Phe Val Gln Trp Phe Val Gly Leu  
1 5 10 15

<210> 3092

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3092

Ile Arg Gln Leu Leu Trp Phe His Ile Ser Cys Leu Thr Phe Gly  
1 5 10 15

<210> 3093

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3093

Tyr Pro Ala Leu Met Pro Leu Tyr Ala Cys Ile Gln Ser Lys Gln  
1 5 10 15

<210> 3094

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3094

Ala Glu Asp Leu Asn Leu Gly Asn Leu Asn Val Ser Ile Pro Trp  
1 5 10 15

<210> 3095

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3095

Gly Ile His Leu Asn Pro Asn Lys Thr Lys Arg Trp Gly Tyr Ser  
1 5 10 15

<210> 3096

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3096

Asp	Glu	Gly	Leu	Asn	Arg	Arg	Val	Ala	Glu	Asp	Leu	Asn	Leu	Gly
1				5					10					15

<210> 3097

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3097

Leu	Gly	Asn	Leu	Asn	Val	Ser	Ile	Pro	Trp	Thr	His	Lys	Val	Gly
1				5					10					15

<210> 3098

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3098

Leu	Ser	Thr	Leu	Pro	Glu	Thr	Thr	Val	Val	Arg	Arg	Arg	Gly	Arg
1				5					10					15

<210> 3099

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3099

Leu	Pro	Leu	Leu	Pro	Ile	Phe	Phe	Cys	Leu	Trp	Val	Tyr	Ile	Glx
1				5					10					15

<210> 3100

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3100

Val	Ala	Pro	Leu	Pro	Ile	His	Thr	Ala	Glu	Leu	Leu	Ala	Ala	Cys
1				5					10					15

<210> 3101

<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3101  
Phe Arg Lys Leu Pro Val Asn Arg Pro Ile Asp Trp Lys Val Cys  
1 5 10 15

<210> 3102  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3102  
Cys Trp Trp Leu Gln Phe Arg Asn Ser Lys Pro Cys Ser Asp Tyr  
1 5 10 15

<210> 3103  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3103  
His Leu Ser Leu Arg Gly Leu Pro Val Cys Ala Phe Ser Ser Ala  
1 5 10 15

<210> 3104  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3104  
Val Leu Cys Leu Arg Pro Val Gly Ala Glu Ser Arg Gly Arg Pro  
1 5 10 15

<210> 3105  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3105  
His Thr Ala Leu Arg Gln Ala Ile Leu Cys Trp Gly Glu Leu Met

1	5	10	15
---	---	----	----

<210> 3106  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3106  
Trp Met Cys Leu Arg Arg Phe Ile Ile Phe Leu Phe Ile Leu Leu  
1 5 10 15

<210> 3107  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3107  
Val Glu Leu Leu Ser Phe Leu Pro Ser Asp Phe Phe Pro Ser Ile  
1 5 10 15

<210> 3108  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3108  
Leu Ser Trp Leu Ser Leu Asp Val Ser Ala Ala Phe Tyr His Ile  
1 5 10 15

<210> 3109  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3109  
Phe Ser Trp Leu Ser Leu Leu Val Pro Phe Val Gln Trp Phe Val  
1 5 10 15

<210> 3110  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3110

Gly	Ala	His	Leu	Ser	Leu	Arg	Gly	Leu	Pro	Val	Cys	Ala	Phe	Ser
1			5					10					15	

<210> 3111

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3111

Gly	Val	Gly	Leu	Ser	Pro	Phe	Leu	Leu	Ala	Gln	Phe	Thr	Ser	Ala
1			5					10					15	

<210> 3112

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3112

Ser	Val	Val	Leu	Ser	Arg	Lys	Tyr	Thr	Ser	Phe	Pro	Trp	Leu	Leu
1			5						10				15	

<210> 3113

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3113

Thr	Asn	Leu	Leu	Ser	Ser	Asn	Leu	Ser	Trp	Leu	Ser	Leu	Asp	Val
1			5						10				15	

<210> 3114

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3114

Gly	Thr	Asn	Leu	Ser	Val	Pro	Asn	Pro	Leu	Gly	Phe	Phe	Pro	Asp
1			5						10				15	

<210> 3115

<211> 15

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3115  
Ser Ser Asn Leu Ser Trp Leu Ser Leu Asp Val Ser Ala Ala Phe  
1 5 10 15

<210> 3116  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3116  
Thr Arg Ile Leu Thr Ile Pro Gln Ser Leu Asp Ser Trp Trp Thr  
1 5 10 15

<210> 3117  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3117  
Leu Gln Ser Leu Thr Asn Leu Leu Ser Ser Asn Leu Ser Trp Leu  
1 5 10 15

<210> 3118  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3118  
Phe Phe Leu Leu Thr Arg Ile Leu Thr Ile Pro Gln Ser Leu Asp  
1 5 10 15

<210> 3119  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3119  
Gly Val Phe Leu Val Asp Lys Asn Pro His Asn Thr Thr Glu Ser  
1 5 10 15

<210> 3120

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3120

Leu	Glu	Tyr	Leu	Val	Ser	Phe	Gly	Val	Trp	Ile	Arg	Thr	Pro	Pro
1				5					10					15

<210> 3121

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3121

Glu	Ser	Arg	Leu	Val	Val	Asp	Phe	Ser	Gln	Phe	Ser	Arg	Gly	Asn
1				5					10					15

<210> 3122

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3122

Arg	Gln	Leu	Leu	Trp	Phe	His	Ile	Ser	Cys	Leu	Thr	Phe	Gly	Arg
1				5					10					15

<210> 3123

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3123

Leu	Gly	Trp	Leu	Trp	Gly	Met	Asp	Ile	Asp	Pro	Tyr	Lys	Glu	Phe
1				5					10					15

<210> 3124

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3124

Leu His Thr Leu Trp Lys Ala Gly Ile Leu Tyr Lys Arg Glu Thr  
1 5 10 15

<210> 3125

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3125

Ala Ser Ala Leu Tyr Arg Glu Ala Leu Glu Ser Pro Glu His Cys  
1 5 10 15

<210> 3126

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3126

Lys Leu His Leu Tyr Ser His Pro Ile Ile Leu Gly Phe Arg Lys  
1 5 10 15

<210> 3127

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3127

Phe Ser Tyr Met Asp Asp Val Val Leu Gly Ala Lys Ser Val Gln  
1 5 10 15

<210> 3128

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3128

Lys Ile Pro Met Gly Val Gly Leu Ser Pro Phe Leu Leu Ala Gln  
1 5 10 15

<210> 3129

<211> 15

<212> PRT



<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3129

Pro	Ala	Ala	Met	Pro	His	Leu	Leu	Val	Gly	Ser	Ser	Gly	Leu	Ser
1				5					10					15

<210> 3130

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3130

Pro	Gln	Ala	Met	Gln	Trp	Asn	Ser	Thr	Thr	Phe	His	Gln	Thr	Leu
1				5					10					15

<210> 3131

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3131

Leu	Ser	Ala	Met	Ser	Thr	Thr	Asp	Leu	Glu	Ala	Tyr	Phe	Lys	Asp
1				5					10					15

<210> 3132

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3132

Ile	Trp	Met	Met	Trp	Tyr	Trp	Gly	Pro	Ser	Leu	Tyr	Asn	Ile	Leu
1				5					10					15

<210> 3133

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3133

Gly	Leu	Pro	Val	Cys	Ala	Phe	Ser	Ser	Ala	Gly	Pro	Cys	Ala	Leu
1				5					10					15

<210> 3134  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3134  
Asp Trp Lys Val Cys Gln Arg Ile Val Gly Leu Leu Gly Phe Ala  
1 5 10 15

<210> 3135  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3135  
Leu Cys Gln Val Phe Ala Asp Ala Thr Pro Thr Gly Trp Gly Leu  
1 5 10 15

<210> 3136  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3136  
Gln Trp Phe Val Gly Leu Ser Pro Thr Val Trp Leu Ser Val Ile  
1 5 10 15

<210> 3137  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3137  
Gln Gln Tyr Val Gly Pro Leu Thr Val Asn Glu Lys Arg Arg Leu  
1 5 10 15

<210> 3138  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3138

Pro	Asp	Arg	Val	His	Phe	Ala	Ser	Pro	Leu	His	Val	Ala	Trp	Arg
1				5					10					15

<210> 3139

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3139

Ala	Arg	Asp	Val	Leu	Cys	Leu	Arg	Pro	Val	Gly	Ala	Glu	Ser	Arg
1				5					10					15

<210> 3140

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3140

Asp	Asp	Val	Val	Leu	Gly	Ala	Lys	Ser	Val	Gln	His	Leu	Glu	Ser
1				5					10					15

<210> 3141

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3141

Leu	Pro	Lys	Val	Leu	His	Lys	Arg	Thr	Leu	Gly	Leu	Ser	Ala	Met
1				5					10					15

<210> 3142

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3142

Lys	Phe	Ala	Val	Pro	Asn	Leu	Gln	Ser	Leu	Thr	Asn	Leu	Leu	Ser
1				5					10					15

<210> 3143

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3143

Cys	Pro	Thr	Val	Gln	Ala	Ser	Lys	Leu	Cys	Leu	Gly	Trp	Leu	Trp
1				5				10					15	

<210> 3144

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3144

Trp	Ala	Ser	Val	Arg	Phe	Ser	Trp	Leu	Ser	Leu	Leu	Val	Pro	Phe
1				5				10					15	

<210> 3145

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3145

Cys	Ser	Val	Val	Arg	Arg	Ala	Phe	Pro	His	Cys	Leu	Ala	Phe	Ser
1				5				10					15	

<210> 3146

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3146

Asn	Leu	Asn	Val	Ser	Ile	Pro	Trp	Thr	His	Lys	Val	Gly	Asn	Phe
1				5				10					15	

<210> 3147

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3147

Ser	Phe	Gly	Val	Trp	Ile	Arg	Thr	Pro	Pro	Ala	Tyr	Arg	Pro	Pro
1				5				10					15	

<210> 3148  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3148  
Thr Ser Phe Val Tyr Val Pro Ser Ala Leu Asn Pro Ala Asp Asp  
1 5 10 15

<210> 3149  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3149  
Gln Leu Leu Trp Phe His Ile Ser Cys Leu Thr Phe Gly Arg Glu  
1 5 10 15

<210> 3150  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3150  
Phe Val Gln Trp Phe Val Gly Leu Ser Pro Thr Val Trp Leu Ser  
1 5 10 15

<210> 3151  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3151  
Ala Ala Asn Trp Ile Leu Arg Gly Thr Ser Phe Val Tyr Val Pro  
1 5 10 15

<210> 3152  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3152

Phe Gly Val Trp Ile Arg Thr Pro Pro Ala Tyr Arg Pro Pro Asn  
1 5 10 15

<210> 3153

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3153

His Thr Leu Trp Lys Ala Gly Ile Leu Tyr Lys Arg Glu Thr Thr  
1 5 10 15

<210> 3154

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3154

Ser Phe Pro Trp Leu Leu Gly Cys Ala Ala Asn Trp Ile Leu Arg  
1 5 10 15

<210> 3155

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3155

Asn Leu Ser Trp Leu Ser Leu Asp Val Ser Ala Ala Phe Tyr His  
1 5 10 15

<210> 3156

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3156

Arg Phe Ser Trp Leu Ser Leu Leu Val Pro Phe Val Gln Trp Phe  
1 5 10 15

<210> 3157

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3157

Arg	Val	Ser	Trp	Pro	Lys	Phe	Ala	Val	Pro	Asn	Leu	Gln	Ser	Leu
1				5					10					15

<210> 3158

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3158

Ala	Phe	Ser	Tyr	Met	Asp	Asp	Val	Val	Leu	Gly	Ala	Lys	Ser	Val
1				5					10					15

<210> 3159

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3159

Gln	Cys	Gly	Tyr	Pro	Ala	Leu	Met	Pro	Leu	Tyr	Ala	Cys	Ile	Gln
1				5					10					15

<210> 3160

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3160

Leu	Leu	Asp	Tyr	Gln	Gly	Met	Leu	Pro	Val	Cys	Pro	Leu	Ile	Pro
1				5					10					15

<210> 3161

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3161

Pro	Pro	Ala	Tyr	Arg	Pro	Pro	Asn	Ala	Pro	Ile	Leu	Ser	Thr	Leu
1				5					10					15

<210> 3162

<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3162  
Cys Pro Gly Tyr Arg Trp Met Cys Leu Arg Arg Phe Ile Ile Phe  
1 5 10 15

<210> 3163  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3163  
Leu His Leu Tyr Ser His Pro Ile Ile Leu Gly Phe Arg Lys Ile  
1 5 10 15

<210> 3164  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3164  
Arg Trp Gly Tyr Ser Leu Asn Phe Met Gly Tyr Val Ile Gly Ser  
1 5 10 15

<210> 3165  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3165  
Ser Phe Val Tyr Val Pro Ser Ala Leu Asn Pro Ala Asp Asp Pro  
1 5 10 15

<210> 3166  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3166  
Phe Phe Pro Asp His Gln Leu Asp Pro



1

5

<210> 3167

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3167

Phe Gly Arg Glu Thr Val Leu Glu Tyr

1

5

<210> 3168

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3168

Phe Gly Val Glu Pro Ser Gly Ser Gly

1

5

<210> 3169

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3169

Phe Leu Val Asp Lys Asn Pro His Asn

1

5

<210> 3170

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3170

Ile Gly Thr Asp Asn Ser Val Val Leu

1

5

<210> 3171

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3171

Leu Glu Glu Glu Leu Pro Arg Leu Ala  
1 5

<210> 3172

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3172

Leu Pro Leu Asp Lys Gly Ile Lys Pro  
1 5

<210> 3173

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3173

Leu Ser Leu Asp Val Ser Ala Ala Phe  
1 5

<210> 3174

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3174

Leu Val Val Asp Phe Ser Gln Phe Ser  
1 5

<210> 3175

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3175

Leu Tyr Arg Glu Ala Leu Glu Ser Pro  
1 5

<210> 3176

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3176  
Met Asp Ile Asp Pro Tyr Lys Glu Phe  
1 5

<210> 3177  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3177  
Val Ala Glu Asp Leu Asn Leu Gly Asn  
1 5

<210> 3178  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3178  
Val Phe Ala Asp Ala Thr Pro Thr Gly  
1 5

<210> 3179  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3179  
Val Leu Leu Asp Tyr Gln Gly Met Leu  
1 5

<210> 3180  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3180  
Tyr Met Asp Asp Val Val Leu Gly Ala  
1 5

<210> 3181  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3181  
Pro Leu Gly Phe Phe Pro Asp His Gln Leu Asp Pro Ala Phe Gly  
1 5 10 15

<210> 3182  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3182  
Cys Leu Thr Phe Gly Arg Glu Thr Val Leu Glu Tyr Leu Val Ser  
1 5 10 15

<210> 3183  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3183  
Arg Arg Ser Phe Gly Val Glu Pro Ser Gly Ser Gly His Ile Asp  
1 5 10 15

<210> 3184  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3184  
Gly Gly Val Phe Leu Val Asp Lys Asn Pro His Asn Thr Thr Glu  
1 5 10 15

<210> 3185  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3185

Ala Lys Leu Ile Gly Thr Asp Asn Ser Val Val Leu Ser Arg Lys  
1 5 10 15

<210> 3186

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3186

Ala Gly Pro Leu Glu Glu Glu Leu Pro Arg Leu Ala Asp Glu Gly  
1 5 10 15

<210> 3187

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3187

Thr Lys Tyr Leu Pro Leu Asp Lys Gly Ile Lys Pro Tyr Tyr Pro  
1 5 10 15

<210> 3188

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3188

Leu Ser Trp Leu Ser Leu Asp Val Ser Ala Ala Phe Tyr His Ile  
1 5 10 15

<210> 3189

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3189

Glu Ser Arg Leu Val Val Asp Phe Ser Gln Phe Ser Arg Gly Asn  
1 5 10 15

<210> 3190

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3190

Ala	Ser	Ala	Leu	Tyr	Arg	Glu	Ala	Leu	Glu	Ser	Pro	Glu	His	Cys
1				5					10					15

<210> 3191

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3191

Leu	Trp	Gly	Met	Asp	Ile	Asp	Pro	Tyr	Lys	Glu	Phe	Gly	Ala	Ser
1				5					10					15

<210> 3192

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3192

Asn	Arg	Arg	Val	Ala	Glu	Asp	Leu	Asn	Leu	Gly	Asn	Leu	Asn	Val
1				5					10					15

<210> 3193

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3193

Leu	Cys	Gln	Val	Phe	Ala	Asp	Ala	Thr	Pro	Thr	Gly	Trp	Gly	Leu
1				5					10					15

<210> 3194

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3194

Phe	Leu	Leu	Val	Leu	Leu	Asp	Tyr	Gln	Gly	Met	Leu	Pro	Val	Cys
1				5					10					15

<210> 3195  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3195  
Ala Phe Ser Tyr Met Asp Asp Val Val Leu Gly Ala Lys Ser Val  
1 5 10 15

<210> 3196  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3196  
Ala His Leu Ser Leu Arg Gly Leu Pro  
1 5

<210> 3197  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3197  
Phe Ser Pro Thr Tyr Lys Ala Phe Leu  
1 5

<210> 3198  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3198  
Ile Pro Trp Thr His Lys Val Gly Asn  
1 5

<210> 3199  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3199

Leu Thr Val Asn Glu Lys Arg Arg Leu  
1 5

<210> 3200

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3200

Val Gly Ala Glu Ser Arg Gly Arg Pro  
1 5

<210> 3201

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3201

Val Val Leu Ser Arg Lys Tyr Thr Ser  
1 5

<210> 3202

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3202

Asp His Gly Ala His Leu Ser Leu Arg Gly Leu Pro Val Cys Ala  
1 5 10 15

<210> 3203

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3203

Ala Phe Thr Phe Ser Pro Thr Tyr Lys Ala Phe Leu Cys Lys Gln  
1 5 10 15

<210> 3204

<211> 15

<212> PRT

<213> Artificial Sequence



<220>

<223> Artificially Synthesized Peptide

<400> 3204

Asn	Val	Ser	Ile	Pro	Trp	Thr	His	Lys	Val	Gly	Asn	Phe	Thr	Gly
1				5					10					15

<210> 3205

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3205

Val	Gly	Pro	Leu	Thr	Val	Asn	Glu	Lys	Arg	Arg	Leu	Lys	Leu	Ile
1				5					10					15

<210> 3206

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3206

Leu	Arg	Pro	Val	Gly	Ala	Glu	Ser	Arg	Gly	Arg	Pro	Val	Ser	Gly
1				5					10					15

<210> 3207

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3207

Asp	Asn	Ser	Val	Val	Leu	Ser	Arg	Lys	Tyr	Thr	Ser	Phe	Pro	Trp
1				5					10					15

<210> 3208

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3208

Cys	Ile	Leu	Leu	Leu	Cys	Leu	Ile	Phe	Leu
1				5					10

<210> 3209  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3209  
Arg Met Thr Gly Gly Val Phe Leu Val  
1 5

<210> 3210  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3210  
Leu Met Pro Phe Val Gln Trp Phe Val  
1 5

<210> 3211  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3211  
Arg Leu Thr Gly Gly Val Phe Leu Val  
1 5

<210> 3212  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3212  
Gly Leu Cys Gln Val Phe Ala Asp Val  
1 5

<210> 3213  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3213

Trp Leu Leu Arg Gly Thr Ser Phe Val  
1 5

<210> 3214  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3214  
Asn Leu Gly Asn Leu Asn Val Ser Val  
1 5

<210> 3215  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3215  
Tyr Leu Pro Ser Ala Leu Asn Pro Val  
1 5

<210> 3216  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3216  
Gly Leu Trp Ile Arg Thr Pro Pro Val  
1 5

<210> 3217  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3217  
Arg Leu Ser Trp Pro Lys Phe Ala Val  
1 5

<210> 3218  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3218  
Ile Leu Gly Leu Leu Gly Phe Ala Val  
1 5

<210> 3219  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3219  
Arg Met Leu Thr Ile Pro Gln Ser Val  
1 5

<210> 3220  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3220  
Ser Leu Asp Ser Trp Trp Thr Ser Val  
1 5

<210> 3221  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3221  
Phe Met Leu Leu Leu Cys Leu Ile Phe Leu  
1 5 10

<210> 3222  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3222  
Leu Met Leu Gln Ala Gly Phe Phe Leu Val  
1 5 10

<210> 3223

<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3223  
Ser Met Leu Ser Pro Phe Leu Pro Leu Val  
1 5 10

<210> 3224  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3224  
Leu Met Leu Leu Asp Tyr Gln Gly Met Val  
1 5 10

<210> 3225  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3225  
Phe Leu Gly Leu Ser Pro Thr Val Trp Val  
1 5 10

<210> 3226  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3226  
Phe Pro Ala Ala Met Pro His Leu  
1 5

<210> 3227  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3227  
His Pro Phe Ala Met Pro His Leu

1

5

<210> 3228

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3228

His Pro Ala Ala Met Pro His Ile

1

5

<210> 3229

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3229

Phe Met Phe Ser Pro Thr Tyr Lys

1

5

<210> 3230

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3230

Phe Val Phe Ser Pro Thr Tyr Lys

1

5

<210> 3231

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3231

Phe Leu Leu Thr Arg Ile Leu Thr Val

1

5

<210> 3232

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3232

Ala Leu Met Pro Leu Tyr Ala Cys Val  
1 5

<210> 3233

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3233

Leu Leu Ala Gln Phe Thr Ser Ala Val  
1 5

<210> 3234

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3234

Leu Leu Pro Phe Val Gln Trp Phe Val  
1 5

<210> 3235

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3235

Phe Leu Leu Ala Gln Phe Thr Ser Val  
1 5

<210> 3236

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3236

Lys Leu His Leu Tyr Ser His Pro Val  
1 5

<210> 3237

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3237  
Lys Leu Phe Leu Tyr Ser His Pro Ile  
1 5

<210> 3238  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3238  
Leu Leu Ser Ser Asn Leu Ser Trp Val  
1 5

<210> 3239  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3239  
Phe Leu Leu Ser Leu Gly Ile His Val  
1 5

<210> 3240  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3240  
Met Met Trp Tyr Trp Gly Pro Ser Val  
1 5

<210> 3241  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3241  
Val Leu Gln Ala Gly Phe Phe Leu Val  
1 5



<210> 3242  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3242  
Pro Leu Leu Pro Ile Phe Phe Cys Val  
1 5

<210> 3243  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3243  
Phe Leu Leu Pro Ile Phe Phe Cys Leu  
1 5

<210> 3244  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3244  
Val Leu Leu Asp Tyr Gln Gly Met Val  
1 5

<210> 3245  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3245  
Tyr Met Phe Asp Val Val Leu Gly Ala  
1 5

<210> 3246  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3246  
Gly Leu Leu Gly Trp Ser Pro Gln Val  
1 5

<210> 3247  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3247  
Phe Pro Ala Ala Met Pro His Leu Leu  
1 5

<210> 3248  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3248  
His Pro Phe Ala Met Pro His Leu Leu  
1 5

<210> 3249  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3249  
His Pro Ala Ala Met Pro His Leu Ile  
1 5

<210> 3250  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3250  
Phe Pro Val Cys Ala Phe Ser Ser Ala  
1 5

<210> 3251  
<211> 9  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3251

Leu Pro Phe Cys Ala Phe Ser Ser Ala  
1 5

<210> 3252

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3252

Leu Pro Val Cys Ala Phe Ser Ser Ile  
1 5

<210> 3253

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3253

Phe Pro Ala Leu Met Pro Leu Tyr Ala  
1 5

<210> 3254

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3254

Tyr Pro Phe Leu Met Pro Leu Tyr Ala  
1 5

<210> 3255

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3255

Tyr Pro Ala Leu Met Pro Leu Tyr Ile  
1 5

<210> 3256  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3256  
Phe Pro Ser Arg Gly Arg Leu Gly Leu  
1 5

<210> 3257  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3257  
Asp Pro Phe Arg Gly Arg Leu Gly Leu  
1 5

<210> 3258  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3258  
Asp Pro Ser Arg Gly Arg Leu Gly Ile  
1 5

<210> 3259  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3259  
Ser Met Ile Cys Ser Val Val Arg Arg  
1 5

<210> 3260  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3260  
Ser Val Ile Cys Ser Val Val Arg Arg  
1 5

<210> 3261  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3261  
Lys Val Gly Asn Phe Thr Gly Leu Lys  
1 5

<210> 3262  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3262  
Lys Val Gly Asn Phe Thr Gly Leu Arg  
1 5

<210> 3263  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3263  
Val Val Phe Phe Ser Gln Phe Ser Arg  
1 5

<210> 3264  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3264  
Ser Val Asn Arg Pro Ile Asp Trp Lys  
1 5

<210> 3265  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3265  
Thr Leu Trp Lys Ala Gly Ile Leu Lys  
1 5

<210> 3266  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3266  
Thr Leu Trp Lys Ala Gly Ile Leu Arg  
1 5

<210> 3267  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3267  
Thr Met Trp Lys Ala Gly Ile Leu Tyr  
1 5

<210> 3268  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3268  
Thr Val Trp Lys Ala Gly Ile Leu Tyr  
1 5

<210> 3269  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3269  
Arg Met Tyr Leu His Thr Leu Trp Lys  
1 5

<210> 3270  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3270  
Arg Val Tyr Leu His Thr Leu Trp Lys  
1 5

<210> 3271  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3271  
Ala Met Thr Phe Ser Pro Thr Tyr Lys  
1 5

<210> 3272  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3272  
Ser Val Val Arg Arg Ala Phe Pro Arg  
1 5

<210> 3273  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3273  
Ser Val Val Arg Arg Ala Phe Pro Lys  
1 5

<210> 3274  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<220>

<221> VARIANT  
<222> (4)...(4)  
<223> Xaa = Any Amino Acid

<400> 3274  
Ser Ala Ile Xaa Ser Val Val Arg Arg  
1 5

<210> 3275  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<220>  
<221> VARIANT  
<222> (4)...(4)  
<223> Xaa = Any Amino Acid

<400> 3275  
Leu Pro Val Xaa Ala Phe Ser Ser Ala  
1 5

<210> 3276  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3276  
Phe Leu Leu Ala Gln Phe Thr Ser Ala Val  
1 5 10

<210> 3277  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3277  
Tyr Leu Phe Thr Leu Trp Lys Ala Gly Ile  
1 5 10

<210> 3278  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide



<400> 3278  
Tyr Leu Leu Thr Leu Trp Lys Ala Gly Ile  
1 5 10

<210> 3279  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3279  
Leu Leu Phe Tyr Gln Gly Met Leu Pro Val  
1 5 10

<210> 3280  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3280  
Leu Leu Leu Tyr Gln Gly Met Leu Pro Val  
1 5 10

<210> 3281  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3281  
Leu Leu Val Leu Gln Ala Gly Phe Phe Val  
1 5 10

<210> 3282  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3282  
Ile Leu Leu Leu Cys Leu Ile Phe Leu Val  
1 5 10

<210> 3283  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3283  
Phe Pro Phe Cys Leu Ala Phe Ser Tyr Met  
1 5 10

<210> 3284  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3284  
Phe Pro His Cys Leu Ala Phe Ser Tyr Ile  
1 5 10

<210> 3285  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3285  
Phe Pro Ala Arg Val Thr Gly Gly Val Phe  
1 5 10

<210> 3286  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3286  
Thr Pro Phe Arg Val Thr Gly Gly Val Phe  
1 5 10

<210> 3287  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3287  
Thr Pro Ala Arg Val Thr Gly Gly Val Ile  
1 5 10

<210> 3288  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3288  
Phe Pro Cys Ala Leu Arg Phe Thr Ser Ala  
1 5 10

<210> 3289  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3289  
Gly Pro Phe Ala Leu Arg Phe Thr Ser Ala  
1 5 10

<210> 3290  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3290  
Gly Pro Cys Ala Leu Arg Phe Thr Ser Ile  
1 5 10

<210> 3291  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3291  
Phe Pro Ala Ala Met Pro His Leu Leu Val  
1 5 10

<210> 3292  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3292

His Pro Phe Ala Met Pro His Leu Leu Val  
1 5 10

<210> 3293  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3293  
His Pro Ala Ala Met Pro His Leu Leu Ile  
1 5 10

<210> 3294  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3294  
Gln Met Phe Thr Phe Ser Pro Thr Tyr Lys  
1 5 10

<210> 3295  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3295  
Gln Val Phe Thr Phe Ser Pro Thr Tyr Lys  
1 5 10

<210> 3296  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3296  
Thr Met Trp Lys Ala Gly Ile Leu Tyr Lys  
1 5 10

<210> 3297  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3297  
Thr Val Trp Lys Ala Gly Ile Leu Tyr Lys  
1 5 10

<210> 3298  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3298  
Val Met Gly Gly Val Phe Leu Val Asp Lys  
1 5 10

<210> 3299  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3299  
Val Val Gly Gly Val Phe Leu Val Asp Lys  
1 5 10

<210> 3300  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3300  
Ser Met Leu Pro Glu Thr Thr Val Val Arg  
1 5 10

<210> 3301  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3301  
Ser Val Leu Pro Glu Thr Thr Val Val Arg  
1 5 10

<210> 3302

<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3302  
Thr Met Pro Glu Thr Thr Val Val Arg Arg  
1 5 10

<210> 3303  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3303  
Thr Val Pro Glu Thr Thr Val Val Arg Arg  
1 5 10

<210> 3304  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3304  
His Thr Leu Trp Lys Ala Gly Ile Leu Lys  
1 5 10

<210> 3305  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3305  
His Thr Leu Trp Lys Ala Gly Ile Leu Arg  
1 5 10

<210> 3306  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3306  
His Met Leu Trp Lys Ala Gly Ile Leu Tyr

1 5 10

<210> 3307  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3307  
His Val Leu Trp Lys Ala Gly Ile Leu Tyr  
1 5 10

<210> 3308  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3308  
Gly Met Asp Asn Ser Val Val Leu Ser Arg  
1 5 10

<210> 3309  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3309  
Gly Val Asp Asn Ser Val Val Leu Ser Arg  
1 5 10

<210> 3310  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3310  
Gly Thr Phe Asn Ser Val Val Leu Ser Arg  
1 5 10

<210> 3311  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3311

Tyr Met Phe Asp Val Val Leu Gly Ala Lys  
1 5 10

<210> 3312

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3312

Met Met Trp Tyr Trp Gly Pro Ser Leu Lys  
1 5 10

<210> 3313

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3313

Met Met Trp Tyr Trp Gly Pro Ser Leu Arg  
1 5 10

<210> 3314

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<220>

<221> VARIANT

<222> (5)...(5)

<223> Xaa = Any Amino Acid

<400> 3314

Ile Leu Leu Leu Xaa Leu Ile Phe Leu  
1 5

<210> 3315

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<220>

<221> VARIANT



<222> (4)...(4)

<223> Xaa = Any Amino Acid

<400> 3315

Leu Leu Leu Xaa Leu Ile Phe Leu Leu  
1 5

<210> 3316

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<220>

<221> VARIANT

<222> (3)...(3)

<223> Xaa = Any Amino Acid

<400> 3316

Leu Leu Xaa Leu Ile Phe Leu Leu Val  
1 5

<210> 3317

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<220>

<221> VARIANT

<222> (8)...(8)

<223> Xaa = Any Amino Acid

<400> 3317

Pro Leu Leu Pro Ile Phe Phe Xaa Leu  
1 5

<210> 3318

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<220>

<221> VARIANT

<222> (8)...(8)

<223> Xaa = Any Amino Acid

<400> 3318

Ala Leu Met Pro Leu Tyr Ala Xaa Ile  
1 5

<210> 3319  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<220>  
<221> VARIANT  
<222> (3)...(3)  
<223> Xaa = Any Amino Acid  
  
<400> 3319  
Gly Leu Xaa Gln Val Phe Ala Asp Ala  
1 5  
  
<210> 3320  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<220>  
<221> VARIANT  
<222> (4)...(4)  
<223> Xaa = Any Amino Acid  
  
<400> 3320  
His Ile Ser Xaa Leu Thr Phe Gly Arg  
1 5  
  
<210> 3321  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<220>  
<221> VARIANT  
<222> (6)...(6)  
<223> Xaa = Any Amino Acid  
  
<400> 3321  
Phe Val Leu Gly Gly Xaa Arg His Lys  
1 5  
  
<210> 3322  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>

<223> Artificially Synthesized Peptide

<220>

<221> VARIANT

<222> (6)...(6)

<223> Xaa = Any Amino Acid

<400> 3322

Phe Ile Leu Leu Leu Xaa Leu Ile Phe Leu  
1 5 10

<210> 3323

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<220>

<221> VARIANT

<222> (5)...(5)

<223> Xaa = Any Amino Acid

<400> 3323

Ile Leu Leu Leu Xaa Leu Ile Phe Leu Leu  
1 5 10

<210> 3324

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<220>

<221> VARIANT

<222> (4)...(4)

<223> Xaa = Any Amino Acid

<400> 3324

Leu Leu Leu Xaa Leu Ile Phe Leu Leu Val  
1 5 10

<210> 3325

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<220>

<221> VARIANT

<222> (7)...(7)

<223> Xaa = Any Amino Acid

<400> 3325  
Leu Leu Pro Ile Phe Phe Xaa Leu Trp Val  
1 5 10

<210> 3326  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<220>  
<221> VARIANT  
<222> (9)...(9)  
<223> Xaa = Any Amino Acid

<400> 3326  
Gln Leu Leu Trp Phe His Ile Ser Xaa Leu  
1 5 10

<210> 3327  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<220>  
<221> VARIANT  
<222> (4)...(4)  
<223> Xaa = Any Amino Acid

<400> 3327  
Leu Leu Gly Xaa Ala Ala Asn Trp Ile Leu  
1 5 10

<210> 3328  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<220>  
<221> VARIANT  
<222> (5)...(5)  
<223> Xaa = Any Amino Acid

<400> 3328  
Thr Ser Ala Ile Xaa Ser Val Val Arg Arg  
1 5 10

<210> 3329  
<211> 10

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<220>  
<221> VARIANT  
<222> (6)...(6)  
<223> Xaa = Any Amino Acid

<400> 3329  
Gly Tyr Arg Trp Met Xaa Leu Arg Arg Phe  
1 5 10

<210> 3330  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<220>  
<221> VARIANT  
<222> (3)...(3)  
<223> Xaa = Any Amino Acid

<400> 3330  
Gly Pro Xaa Ala Leu Arg Phe Thr Ser Ala  
1 5 10

<210> 3331  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<220>  
<221> VARIANT  
<222> (4)...(4)  
<223> Xaa = Any Amino Acid

<400> 3331  
Phe Pro His Xaa Leu Ala Phe Ser Tyr Met  
1 5 10

<210> 3332  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3332

His Met Leu Trp Lys Ala Gly Ile Leu Tyr Lys  
1 5 10

<210> 3333  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3333  
His Val Leu Trp Lys Ala Gly Ile Leu Tyr Lys  
1 5 10

<210> 3334  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3334  
Ser Met Leu Pro Glu Thr Thr Val Val Arg Arg  
1 5 10

<210> 3335  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3335  
Ser Val Leu Pro Glu Thr Thr Val Val Arg Arg  
1 5 10

<210> 3336  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3336  
Gly Met Asp Asn Ser Val Val Leu Ser Arg Lys  
1 5 10

<210> 3337  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 3337  
Gly Val Asp Asn Ser Val Val Leu Ser Arg Lys  
1 5 10

<210> 3338  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 3338  
Gly Thr Phe Asn Ser Val Val Leu Ser Arg Lys  
1 5 10

<210> 3339  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 3339  
Met Pro Leu Ser Tyr Gln His Ile  
1 5

<210> 3340  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 3340  
Leu Pro Ile Phe Phe Cys Leu Ile  
1 5

<210> 3341  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide  
  
<400> 3341  
Ser Pro Phe Leu Leu Ala Gln Ile  
1 5

<210> 3342

<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3342  
Tyr Pro Ala Leu Met Pro Leu Ile  
1 5

<210> 3343  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3343  
Val Pro Ser Ala Leu Asn Pro Ile  
1 5

<210> 3344  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3344  
Leu Pro Ile Phe Phe Cys Leu Trp Ile  
1 5

<210> 3345  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3345  
Leu Pro Ile His Thr Ala Glu Leu Ile  
1 5

<210> 3346  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3346  
Val Pro Phe Val Gln Trp Phe Val Gly Ile



1 5 10

<210> 3347

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3347

Asn Pro Leu Gly Phe Phe Pro Asp His Gln Ile  
1 5 10

<210> 3348

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3348

Leu Pro Ile His Thr Ala Glu Leu Leu Ala Ile  
1 5 10

<210> 3349

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3349

Phe Leu Pro Ser Tyr Phe Pro Ser Ala  
1 5

<210> 3350

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3350

Tyr Leu His Thr Leu Trp Lys Ala Gly Val  
1 5 10

<210> 3351

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3351

Ser Thr Leu Pro Glu Thr Tyr Val Val Arg Arg  
1 5 10

<210> 3352

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3352

Tyr Met Asp Asp Val Val Leu Gly Val  
1 5

<210> 3353

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3353

Phe Pro Ile Pro Ser Ser Trp Ala Phe  
1 5

<210> 3354

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3354

Ile Pro Ile Thr Ser Ser Trp Ala Phe  
1 5

<210> 3355

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3355

Ile Pro Ile Leu Ser Ser Trp Ala Phe  
1 5

<210> 3356

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3356  
Phe Pro Val Cys Leu Ala Phe Ser Tyr  
1 5

<210> 3357  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3357  
Phe Pro His Cys Leu Ala Phe Ala Tyr  
1 5

<210> 3358  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3358  
Phe Pro His Cys Leu Ala Phe Ser Leu  
1 5

<210> 3359  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3359  
Ile Pro Ile Pro Met Ser Trp Ala Phe  
1 5

<210> 3360  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3360  
Phe Pro His Cys Leu Ala Phe Ala Leu  
1 5

<210> 3361  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 3361  
Phe Leu Pro Ser Glx Phe Phe Pro Ser Val  
1 5 10

<210> 3362  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 3362  
Phe Leu Pro Ser Glx Phe Phe Pro Ser Val  
1 5 10

<210> 3363  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 3363  
Ile Pro Phe Pro Ser Ser Trp Ala Phe  
1 5

<210> 3364  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 3364  
Ile Pro Ile Pro Ser Ser Trp Ala Ile  
1 5

<210> 3365  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide

<400> 3365  
Phe Pro Phe Cys Leu Ala Phe Ser Tyr  
1 5

<210> 3366  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3366  
Phe Pro His Cys Leu Ala Phe Ser Ile  
1 5

<210> 3367  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3367  
Phe Pro His Cys Leu Ala Phe Ser Ala  
1 5

<210> 3368  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3368  
Phe Gln Pro Ser Asp Tyr Phe Pro Ser Val  
1 5 10

<210> 3369  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3369  
Tyr Leu Leu Thr Arg Ile Leu Thr Ile  
1 5

<210> 3370  
<211> 9  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3370

Phe Leu Tyr Thr Arg Ile Leu Thr Ile  
1 5

<210> 3371

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3371

Phe Leu Leu Thr Tyr Ile Leu Thr Ile  
1 5

<210> 3372

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3372

Phe Leu Leu Thr Arg Ile Leu Tyr Ile  
1 5

<210> 3373

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3373

Phe Leu Pro Ser Asp Phe Phe Pro Ser Val Arg  
1 5 10

<210> 3374

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3374

Phe Leu Pro Ser Asp Phe Phe Pro Ser  
1 5

<210> 3375  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3375  
Phe Leu Pro Ser Asp Phe Phe Pro  
1 5

<210> 3376  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3376  
Phe Leu Pro Ser Asp Phe Phe Pro Ser Ile  
1 5 10

<210> 3377  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3377  
Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
1 5 10

<210> 3378  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3378  
Tyr Ser Phe Leu Pro Ser Asp Phe Phe Pro Ser Val  
1 5 10

<210> 3379  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3379  
Tyr Asn Met Gly Leu Lys Phe Arg Gln Leu  
1 5 10

<210> 3380  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3380  
Asn Met Gly Leu Lys Tyr Arg Gln Leu  
1 5

<210> 3381  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<220>  
<221> VARIANT  
<222> (5)...(5)  
<223> Xaa = Any Amino Acid

<400> 3381  
Phe Leu Pro Ser Xaa Tyr Phe Pro Ser Val  
1 5 10

<210> 3382  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<220>  
<221> VARIANT  
<222> (6)...(6)  
<223> Xaa = Any Amino Acid

<400> 3382  
Phe Leu Pro Ser Asp Xaa Phe Pro Ser Val  
1 5 10

<210> 3383  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide



<400> 3383  
Phe Leu Pro Ser Asp Leu Leu Pro Ser Val Arg  
1 5 10

<210> 3384  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3384  
Phe Leu Pro Ser Asp Phe Phe Pro Ser Val Arg Asp  
1 5 10

<210> 3385  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3385  
Leu Ser Phe Leu Pro Ser Asp Phe Phe Pro Ser Val  
1 5 10

<210> 3386  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3386  
Ser Phe Leu Pro Ser Asp Phe Phe Pro Ser Val  
1 5 10

<210> 3387  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3387  
Pro Ser Asp Phe Phe Pro Ser Val  
1 5

<210> 3388  
<211> 9  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3388

Phe Leu Met Ser Tyr Phe Pro Ser Val  
1 5

<210> 3389

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3389

Phe Leu Pro Ser Tyr Phe Pro Ser Val  
1 5

<210> 3390

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3390

Phe Leu Met Ser Asp Tyr Phe Pro Ser Val  
1 5 10

<210> 3391

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3391

Cys Ile Leu Leu Leu Cys Leu Ile Phe Leu Leu  
1 5 10

<210> 3392

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3392

Phe Leu Pro Asn Asp Phe Phe Pro Ser Ala  
1 5 10

<210> 3393  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3393  
Phe Leu Pro Asp Asp Phe Phe Pro Ser Ala  
1 5 10

<210> 3394  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3394  
Phe Leu Pro Asn Asp Phe Phe Pro Ser Val  
1 5 10

<210> 3395  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3395  
Phe Leu Pro Ser Asp Phe Phe Pro Ser Ala  
1 5 10

<210> 3396  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3396  
Phe Leu Pro Asp Asp Phe Phe Pro Ser Val  
1 5 10

<210> 3397  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3397  
Phe Leu Pro Ala Asp Phe Phe Pro Ser Val  
1 5 10

<210> 3398  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3398  
Phe Leu Pro Val Asp Phe Phe Pro Ser Val  
1 5 10

<210> 3399  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3399  
Phe Leu Pro Ala Asp Phe Phe Pro Ser Ile  
1 5 10

<210> 3400  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3400  
Phe Leu Pro Val Asp Phe Phe Pro Ser Ile  
1 5 10

<210> 3401  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3401  
Phe Leu Pro Ser Asp Ala Phe Pro Ser Val  
1 5 10

<210> 3402  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3402  
Phe Leu Pro Ser Ala Phe Phe Pro Ser Val  
1 5 10

<210> 3403  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3403  
Phe Leu Pro Ser Asp Phe Ala Pro Ser Val  
1 5 10

<210> 3404  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3404  
Phe Leu Pro Ser Asp Phe Phe Ala Ser Val  
1 5 10

<210> 3405  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3405  
Phe Leu Pro Ser Asp Phe Phe Pro Ala Val  
1 5 10

<210> 3406  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3406  
Phe Leu Ala Ser Asp Phe Phe Pro Ser Val  
1 5 10

<210> 3407  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3407  
Phe Ala Pro Ser Asp Phe Phe Pro Ser Val  
1 5 10

<210> 3408  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3408  
Ala Leu Pro Ser Asp Phe Phe Pro Ser Val  
1 5 10

<210> 3409  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3409  
Tyr Leu Pro Ser Asp Phe Phe Pro Ser Val  
1 5 10

<210> 3410  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3410  
Phe Met Pro Ser Asp Phe Phe Pro Ser Val  
1 5 10

<210> 3411  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3411

Phe Leu Lys Ser Asp Phe Phe Pro Ser Val  
1 5 10

<210> 3412  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3412  
Phe Leu Pro Ser Glu Phe Phe Pro Ser Val  
1 5 10

<210> 3413  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3413  
Phe Leu Pro Ser Asp Phe Tyr Pro Ser Val  
1 5 10

<210> 3414  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3414  
Phe Leu Pro Ser Asp Phe Phe Lys Ser Val  
1 5 10

<210> 3415  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3415  
Phe Leu Pro Ser Asp Phe Phe Pro Lys Val  
1 5 10

<210> 3416  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<220>  
<221> MOD\_RES  
<222> (10)...(10)  
<223> Xaa = Val-CONH2

<400> 3416  
Phe Leu Pro Ser Asp Phe Phe Pro Ser Xaa  
1 5 10

<210> 3417  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<220>  
<221> MOD\_RES  
<222> (10)...(10)  
<223> Xaa = Val-NH2

<400> 3417  
Val Leu Glu Tyr Leu Val Ser Phe Gly Xaa  
1 5 10

<210> 3418  
<211> 17  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<220>  
<221> MOD\_RES  
<222> (17)...(17)  
<223> Xaa = Val-NH2

<400> 3418  
Ala Thr Val Glu Leu Leu Ser Phe Leu Pro Ser Asp Phe Phe Pro Ser  
1 5 10 15  
Xaa

<210> 3419  
<211> 16  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<220>  
<221> MOD\_RES



<222> (16)...(16)  
<223> Xaa = Val-NH2

<400> 3419  
Thr Val Glu Leu Leu Ser Phe Leu Pro Ser Asp Phe Phe Pro Ser Xaa  
1 5 10 15

<210> 3420  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<220>  
<221> MOD\_RES  
<222> (15)...(15)  
<223> Xaa = Val-NH2

<400> 3420  
Val Glu Leu Leu Ser Phe Leu Pro Ser Asp Phe Phe Pro Ser Xaa  
1 5 10 15

<210> 3421  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<220>  
<221> MOD\_RES  
<222> (14)...(14)  
<223> Xaa = Val-NH2

<400> 3421  
Glu Leu Leu Ser Phe Leu Pro Ser Asp Phe Phe Pro Ser Xaa  
1 5 10

<210> 3422  
<211> 13  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<220>  
<221> MOD\_RES  
<222> (13)...(13)  
<223> Xaa = Val-NH2

<400> 3422  
Leu Leu Ser Phe Leu Pro Ser Asp Phe Phe Pro Ser Xaa  
1 5 10

<210> 3423  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<220>  
<221> MOD\_RES  
<222> (12)...(12)  
<223> Xaa = Val-NH2

<400> 3423  
Leu Ser Phe Leu Pro Ser Asp Phe Phe Pro Ser Xaa  
1 5 10

<210> 3424  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<220>  
<221> MOD\_RES  
<222> (11)...(11)  
<223> Xaa = Val-NH2

<400> 3424  
Ser Phe Leu Pro Ser Asp Phe Phe Pro Ser Xaa  
1 5 10

<210> 3425  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<220>  
<221> MOD\_RES  
<222> (10)...(10)  
<223> Xaa = Val-NH2

<400> 3425  
Phe Leu Pro Ser Asp Phe Phe Pro Ser Xaa  
1 5 10

<210> 3426  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<220>

<221> MOD\_RES

<222> (9)...(9)

<223> Xaa = Val-NH2

<400> 3426

Leu Pro Ser Asp Phe Phe Pro Ser Xaa

1

5

<210> 3427

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<220>

<221> MOD\_RES

<222> (8)...(8)

<223> Xaa = Val-NH2

<400> 3427

Pro Ser Asp Phe Phe Pro Ser Xaa

1

5

<210> 3428

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<220>

<221> MOD\_RES

<222> (9)...(9)

<223> Xaa = Ser-NH2

<400> 3428

Phe Leu Pro Ser Asp Phe Phe Pro Xaa

1

5

<210> 3429

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<220>

<221> MOD\_RES

<222> (8)...(8)

<223> Xaa = Pro-NH2

<400> 3429  
Phe Leu Pro Ser Asp Phe Phe Xaa  
1 5

<210> 3430  
<211> 7  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<220>  
<221> MOD\_RES  
<222> (7)...(7)  
<223> Xaa = Phe-NH2

<400> 3430  
Phe Leu Pro Ser Asp Phe Xaa  
1 5

<210> 3431  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<220>  
<221> MOD\_RES  
<222> (10)...(10)  
<223> Xaa = Val-NH2

<400> 3431  
Ala Leu Pro Ser Asp Phe Phe Pro Ser Xaa  
1 5 10

<210> 3432  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<220>  
<221> MOD\_RES  
<222> (10)...(10)  
<223> Xaa = Val-NH2

<400> 3432  
Ser Leu Asn Phe Leu Gly Gly Thr Thr Xaa  
1 5 10

<210> 3433

<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<220>  
<221> MOD\_RES  
<222> (11)...(11)  
<223> Xaa = Arg-NH2

<400> 3433  
Phe Leu Pro Ser Asp Phe Phe Pro Ser Val Xaa  
1 5 10

<210> 3434  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3434  
Ala Leu Phe Lys Asp Trp Glu Glu Leu  
1 5

<210> 3435  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3435  
Val Leu Gly Gly Ser Arg His Lys Leu  
1 5

<210> 3436  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3436  
Lys Ile Lys Glu Ser Phe Arg Lys Leu  
1 5

<210> 3437  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3437  
Ala Leu Met Pro Leu Tyr Ala Ser Ile  
1 5

<210> 3438  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3438  
Phe Leu Ser Lys Gln Tyr Leu Asn Leu  
1 5

<210> 3439  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3439  
Leu Leu Gly Ser Ala Ala Asn Trp Ile  
1 5

<210> 3440  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3440  
Asn Leu Asn Asn Leu Asn Val Ser Ile  
1 5

<210> 3441  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3441  
Ile Ile Lys Lys Ser Glu Gln Phe Val  
1 5

<210> 3442

<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3442  
Ala Leu Ser Leu Ile Val Asn Leu Leu  
1 5

<210> 3443  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3443  
Arg Ile Pro Arg Thr Pro Arg Ser Val  
1 5

<210> 3444  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3444  
Ala Ala Cys Phe Ala Arg Ser Arg  
1 5

<210> 3445  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3445  
Ala Ala Pro Phe Thr Gln Cys Gly Tyr  
1 5

<210> 3446  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3446  
Ala Asp Asp Pro Ser Arg Gly Arg

1

5

<210> 3447

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3447

Ala Phe Pro His Cys Leu Ala Phe Ser Tyr  
1 5 10

<210> 3448

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3448

Ala Phe Ser Ser Ala Gly Pro Cys Ala Leu Arg  
1 5 10

<210> 3449

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3449

Ala Phe Thr Phe Ser Pro Thr Tyr  
1 5

<210> 3450

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3450

Ala Phe Thr Phe Ser Pro Thr Tyr Lys  
1 5

<210> 3451

<211> 8

<212> PRT

<213> Artificial Sequence

<220>



<223> Artificially Synthesized Peptide

<400> 3451

Ala Gly Phe Phe Leu Leu Thr Arg  
1 5

<210> 3452

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3452

Ala Gly Pro Leu Glu Glu Glu Leu Pro Arg  
1 5 10

<210> 3453

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3453

Ala Ile Cys Ser Val Val Arg Arg  
1 5

<210> 3454

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3454

Ala Leu Glu Ser Pro Glu His Cys Ser Pro His  
1 5 10

<210> 3455

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3455

Ala Leu Asn Pro Ala Asp Asp Pro Ser Arg  
1 5 10

<210> 3456

<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3456  
Ala Leu Arg Phe Thr Ser Ala Arg  
1 5

<210> 3457  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3457  
Ala Met Gln Trp Asn Ser Thr Thr Phe His  
1 5 10

<210> 3458  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3458  
Ala Ser Phe Cys Gly Ser Pro Tyr  
1 5

<210> 3459  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3459  
Ala Ser Pro Leu His Val Ala Trp Arg  
1 5

<210> 3460  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3460  
Ala Ser Thr Asn Arg Gln Ser Gly Arg  
1 5

<210> 3461  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 3461  
Cys Ala Ala Asn Trp Ile Leu Arg  
1 5  
  
<210> 3462  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 3462  
Cys Ala Leu Arg Phe Thr Ser Ala Arg  
1 5  
  
<210> 3463  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 3463  
Cys Cys Gln Leu Asp Pro Ala Arg  
1 5  
  
<210> 3464  
<211> 9  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide  
  
<400> 3464  
Cys Phe Arg Lys Leu Pro Val Asn Arg  
1 5  
  
<210> 3465  
<211> 10  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificially Synthesized Peptide

<400> 3465  
Cys Gly Tyr Pro Ala Leu Met Pro Leu Tyr  
1 5 10

<210> 3466  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3466  
Cys Leu Ile Phe Leu Leu Val Leu Leu Asp Tyr  
1 5 10

<210> 3467  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3467  
Cys Leu Arg Pro Val Gly Ala Glu Ser Arg  
1 5 10

<210> 3468  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3468  
Cys Ser Pro His His Thr Ala Leu Arg  
1 5

<210> 3469  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificially Synthesized Peptide

<400> 3469  
Cys Ser Val Val Arg Arg Ala Phe Pro His  
1 5 10

<210> 3470  
<211> 8  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3470

Asp Asp Val Val Leu Gly Ala Lys  
1 5

<210> 3471

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3471

Asp Leu Leu Asp Thr Ala Ser Ala Leu Tyr  
1 5 10

<210> 3472

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3472

Asp Leu Leu Asp Thr Ala Ser Ala Leu Tyr Arg  
1 5 10

<210> 3473

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3473

Asp Asn Ser Val Val Leu Ser Arg  
1 5

<210> 3474

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificially Synthesized Peptide

<400> 3474

Asp Asn Ser Val Val Leu Ser Arg Lys  
1 5

<210> 3475  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3475  
Tyr Leu Glu Pro Ala Ile Ala Lys Tyr  
1 5

<210> 3476  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3476  
Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
1 5 10

<210> 3477  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3477  
Phe Thr Gln Ala Gly Tyr Pro Ala Leu  
1 5

<210> 3478  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3478  
Lys Val Phe Pro Tyr Ala Leu Ile Asn Lys  
1 5 10

<210> 3479  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3479

Ala Val Asp Leu Tyr His Phe Leu Lys  
1 5

<210> 3480

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3480

Ser Thr Leu Pro Glu Thr Tyr Val Val Arg Arg  
1 5 10

<210> 3481

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3481

Ala Tyr Ile Asp Asn Tyr Asn Lys Phe  
1 5

<210> 3482

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3482

Ala Pro Arg Thr Leu Val Tyr Leu Leu  
1 5

<210> 3483

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3483

Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
1 5

<210> 3484

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3484

Pro Lys Tyr Val Lys Gln Asn Thr Leu Lys Leu Ala Thr  
1 5 10

<210> 3485

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3485

Tyr Lys Thr Ile Ala Phe Asp Glu Glu Ala Arg Arg  
1 5 10

<210> 3486

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3486

Tyr Ala Arg Phe Ser Gln Thr Thr Leu Lys Gln Lys Thr  
1 5 10

<210> 3487

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3487

Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu  
1 5 10

<210> 3488

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3488

Glu Ala Leu Ile His Gln Leu Lys Ile Asn Pro Tyr Val Leu Ser  
1 5 10 15



<210> 3489  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3489  
Gln Tyr Ile Lys Ala Asn Ala Lys Phe Ile Gly Ile Thr Glu  
1 5 10

<210> 3490  
<211> 24  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3490  
Gly Arg Thr Gln Asp Glu Asn Pro Val Val His Phe Phe Lys Asn Ile  
1 5 10 15  
Val Thr Pro Arg Thr Pro Pro Pro  
20

<210> 3491  
<211> 13  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3491  
Asn Gly Gln Ile Gly Asn Asp Pro Asn Arg Asp Ile Leu  
1 5 10

<210> 3492  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3492  
Phe Leu Pro Ser Asp Phe Phe Pro Ser Val  
1 5 10

<210> 3493  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3493  
Leu Leu Val Pro Phe Val Gln Trp Phe Val  
1 5 10

<210> 3494  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3494  
Phe Leu Leu Ala Gln Phe Thr Ser Ala Ile  
1 5 10

<210> 3495  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3495  
Tyr Met Asp Asp Val Val Leu Gly Val  
1 5

<210> 3496  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3496  
Phe Leu Leu Thr Arg Ile Leu Thr Ile  
1 5

<210> 3497  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3497  
Ala Leu Met Pro Leu Tyr Ala Cys Ile  
1 5

<210> 3498  
<211> 9  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3498

Trp Leu Ser Leu Leu Val Pro Phe Val  
1 5

<210> 3499

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3499

Leu Leu Ala Gln Phe Thr Ser Ala Ile  
1 5

<210> 3500

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3500

Leu Val Pro Phe Val Gln Trp Phe Val  
1 5

<210> 3501

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3501

Val Leu Leu Asp Tyr Gln Gly Met Leu Pro Val  
1 5 10

<210> 3502

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3502

Leu Leu Ser Ser Asn Leu Ser Trp Leu  
1 5

<210> 3503  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3503  
Asn Leu Ser Trp Leu Ser Leu Asp Val  
1 5

<210> 3504  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3504  
Lys Leu His Leu Tyr Ser His Pro Ile  
1 5

<210> 3505  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3505  
Phe Leu Leu Ala Gln Phe Thr Ser Ala  
1 5

<210> 3506  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3506  
Gly Leu Ser Arg Tyr Val Ala Arg Leu  
1 5

<210> 3507  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3507  
Phe Leu Leu Ser Leu Gly Ile His Leu  
1 5

<210> 3508  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3508  
His Leu Tyr Ser His Pro Ile Ile Leu  
1 5

<210> 3509  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3509  
Met Met Trp Thr Trp Gly Pro Ser Leu  
1 5

<210> 3510  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3510  
Tyr Leu His Thr Leu Trp Lys Ala Gly Val  
1 5 10

<210> 3511  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3511  
Leu Leu Asp Tyr Gln Gly Met Leu Pro Val  
1 5 10

<210> 3512  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3512  
Gly Leu Leu Gly Trp Ser Pro Gln Ala  
1 5

<210> 3513  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3513  
Ile Leu Arg Gly Thr Ser Phe Val Tyr Val  
1 5 10

<210> 3514  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3514  
Val Leu Gln Ala Gly Phe Phe Leu Leu  
1 5

<210> 3515  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3515  
Leu Leu Pro Ile Phe Phe Cys Leu Trp Val  
1 5 10

<210> 3516  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3516  
Pro Leu Leu Pro Ile Phe Phe Cys Leu  
1 5

<210> 3517  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3517  
Leu Leu Val Leu Gln Ala Gly Phe Phe Leu  
1 5 10

<210> 3518  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3518  
Tyr Leu Val Ser Phe Gly Val Trp Ile  
1 5

<210> 3519  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3519  
Gly Leu Ser Pro Thr Val Trp Leu Ser Val  
1 5 10

<210> 3520  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3520  
Tyr Met Asp Asp Val Val Leu Gly Ala  
1 5

<210> 3521  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3521

His Thr Leu Trp Lys Ala Gly Ile Leu Tyr Lys  
1 5 10

<210> 3522  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3522  
Ser Thr Leu Pro Glu Thr Thr Val Val Arg Arg  
1 5 10

<210> 3523  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3523  
Gly Ser Thr His Val Ser Trp Pro Lys  
1 5

<210> 3524  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3524  
Phe Val Leu Gly Gly Cys Arg His Lys  
1 5

<210> 3525  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3525  
Asn Val Ser Ile Pro Trp Thr His Lys  
1 5

<210> 3526  
<211> 10  
<212> PRT  
<213> Artificial Sequence



<220>

<223> Artificial Peptide

<400> 3526

Leu Val Val Asp Phe Ser Gln Phe Ser Arg  
1 5 10

<210> 3527

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3527

Gln Ala Phe Thr Phe Ser Pro Thr Tyr Lys  
1 5 10

<210> 3528

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3528

Ser Ala Ile Cys Ser Val Val Arg Arg  
1 5

<210> 3529

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3529

Thr Leu Trp Lys Ala Gly Ile Leu Tyr Lys  
1 5 10

<210> 3530

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3530

Lys Val Gly Asn Phe Thr Gly Leu Tyr  
1 5

<210> 3531

<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3531  
Phe Pro His Cys Leu Ala Phe Ser Tyr Met  
1 5 10

<210> 3532  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3532  
Leu Pro Ser Asp Phe Phe Pro Ser Val  
1 5

<210> 3533  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3533  
Ile Pro Ile Pro Ser Ser Trp Ala Phe  
1 5

<210> 3534  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3534  
His Pro Ala Ala Met Pro His Leu Leu  
1 5

<210> 3535  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3535  
Leu Pro Val Cys Ala Phe Ser Ser Ala

1

5

<210> 3536  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3536  
Tyr Pro Ala Leu Met Pro Leu Tyr Ala  
1 5

<210> 3537  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3537  
Phe Pro His Cys Leu Ala Phe Ser Tyr Met  
1 5 10

<210> 3538  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3538  
Thr Pro Ala Arg Val Thr Gly Gly Val Phe  
1 5 10

<210> 3539  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3539  
Tyr Thr Ala Val Val Pro Leu Val Tyr  
1 5

<210> 3540  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3540

Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
1 5 10

<210> 3541

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3541

Lys Val Phe Pro Tyr Ala Leu Ile Asn Lys  
1 5 10

<210> 3542

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3542

Ala Tyr Ile Asp Asn Tyr Asn Lys Phe  
1 5

<210> 3543

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3543

Ser Thr Leu Pro Glu Thr Tyr Val Val Arg Arg  
1 5 10

<210> 3544

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3544

Phe Thr Gln Ala Gly Tyr Pro Ala Leu  
1 5

<210> 3545

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3545  
Ala Pro Arg Thr Leu Val Tyr Leu Leu  
1 5

<210> 3546  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3546  
Phe Leu Lys Asp Tyr Gln Leu Leu  
1 5

<210> 3547  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3547  
Phe Arg Tyr Asn Gly Leu Ile His Arg  
1 5

<210> 3548  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3548  
Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
1 5

<210> 3549  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3549  
Ala Glu Met Gly Lys Tyr Ser Phe Tyr  
1 5

<210> 3550  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3550  
Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
1 5

<210> 3551  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3551  
Gln Tyr Asp Asp Ala Val Tyr Lys Leu  
1 5

<210> 3552  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3552  
Tyr Arg His Asp Gly Gly Asn Val Leu  
1 5

<210> 3553  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3553  
Ser Gly Pro Ser Asn Thr Tyr Pro Glu Ile  
1 5 10

<210> 3554  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3554

Arg Gly Tyr Val Phe Gln Gly Leu  
1 5

<210> 3555

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3555

Arg Gly Pro Tyr Arg Ala Phe Val Thr Ile  
1 5 10

<210> 3556

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3556

Lys Phe Asn Pro Met Lys Thr Tyr Ile  
1 5

<210> 3557

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3557

Ile Pro Gln Ser Leu Asp Ser Tyr Trp Thr Ser Leu  
1 5 10

<210> 3558

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3558

Tyr Pro Lys Tyr Val Lys Gln Asn Thr Leu Lys Leu Ala Thr  
1 5 10

<210> 3559

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3559

Val	Val	His	Phe	Phe	Lys	Asn	Ile	Val	Thr	Pro	Arg	Thr	Pro	Pro	Tyr
1				5					10					15	

<210> 3560

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3560

Tyr	Ala	Ala	Phe	Ala	Ala	Ala	Lys	Thr	Ala	Ala	Ala	Phe	Ala
1				5					10				

<210> 3561

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3561

Tyr	Lys	Thr	Ile	Ala	Phe	Asp	Glu	Glu	Ala	Arg	Arg
1				5					10		

<210> 3562

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3562

Tyr	Ala	Arg	Phe	Gln	Ser	Gln	Thr	Thr	Leu	Lys	Gln	Lys	Thr
1				5					10				

<210> 3563

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3563

Tyr	Ala	Arg	Phe	Gln	Arg	Gln	Thr	Thr	Leu	Lys	Ala	Ala	Ala
1				5					10				



<210> 3564  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3564  
Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu  
1 5 10

<210> 3565  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3565  
Glu Ala Leu Ile His Gln Leu Lys Ile Asn Pro Tyr Val Leu Ser  
1 5 10 15

<210> 3566  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3566  
Gln Tyr Ile Lys Ala Asn Ala Lys Phe Ile Gly Ile Thr Glu  
1 5 10

<210> 3567  
<211> 13  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3567  
Pro Lys Tyr Val Lys Gln Asn Thr Leu Lys Leu Ala Thr  
1 5 10

<210> 3568  
<211> 13  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3568

Asn Gly Gln Ile Gly Asn Asp Pro Asn Arg Asp Ile Leu  
1 5 10

<210> 3569

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3569

Tyr Ala Arg Phe Gln Ser Gln Thr Thr Leu Lys Gln Lys Thr  
1 5 10

<210> 3570

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3570

Ala His Ala Ala His Ala Ala His Ala Ala His Ala Ala  
1 5 10 15

<210> 3571

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3571

Tyr Asn Thr Asp Gly Ser Thr Asp Tyr Gly Ile Leu Gln Ile Asn Ser  
1 5 10 15  
Arg

<210> 3572

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3572

Tyr Leu Glu Asp Ala Arg Arg Lys Lys Ala Ile Tyr Glu Lys Lys Lys  
1 5 10 15

<210> 3573

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3573  
Val Leu Leu Asp Tyr Gln Gly Met Leu  
1 5

<210> 3574  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3574  
Ile Leu Ser Thr Leu Pro Glu Thr Thr Val  
1 5 10

<210> 3575  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3575  
Tyr Leu His Thr Leu Trp Lys Ala Gly Ile  
1 5 10

<210> 3576  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3576  
Leu Leu Trp Phe His Ile Ser Cys Leu  
1 5

<210> 3577  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3577  
Phe Ile Leu Leu Leu Cys Leu Ile Phe Leu  
1 5 10

<210> 3578  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3578  
Trp Ile Leu Arg Gly Thr Ser Phe Val  
1 5

<210> 3579  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3579  
Phe Leu Gly Pro Leu Leu Val Leu Gln Ala  
1 5 10

<210> 3580  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3580  
Ile Leu Leu Leu Cys Leu Ile Phe Leu Leu  
1 5 10

<210> 3581  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3581  
Ile Leu Arg Gly Thr Ser Phe Val Tyr Val  
1 5 10

<210> 3582  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3582

Gly Val Trp Ile Arg Thr Pro Pro Ala Tyr Arg  
1 5 10

<210> 3583

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3583

His Thr Leu Trp Lys Ala Gly Ile Leu Tyr Lys  
1 5 10

<210> 3584

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3584

Arg Leu Val Val Asp Phe Ser Gln Phe Ser Arg  
1 5 10

<210> 3585

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3585

Cys Ala Leu Arg Phe Thr Ser Ala Arg  
1 5

<210> 3586

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3586

Lys Val Phe Val Leu Gly Gly Cys Arg  
1 5

<210> 3587

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3587

Ser Ser Ala Gly Pro Cys Ala Leu Arg  
1 5

<210> 3588

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3588

Ser Thr Leu Pro Glu Thr Thr Val Val Arg Arg  
1 5 10

<210> 3589

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3589

Ala Phe Thr Phe Ser Pro Thr Tyr Lys  
1 5

<210> 3590

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3590

Phe Thr Phe Ser Pro Thr Tyr Lys  
1 5

<210> 3591

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3591

Phe Val Leu Gly Gly Cys Arg His Lys  
1 5

<210> 3592  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3592  
Leu Val Val Asp Phe Ser Gln Phe Ser Arg  
1 5 10

<210> 3593  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3593  
Asn Val Ser Ile Pro Trp Thr His Lys  
1 5

<210> 3594  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3594  
Gln Ala Phe Thr Phe Ser Pro Thr Tyr Lys  
1 5 10

<210> 3595  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3595  
Ser Ala Ile Cys Ser Val Val Arg Arg  
1 5

<210> 3596  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3596  
Ser Val Val Arg Arg Ala Phe Pro His  
1 5

<210> 3597  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3597  
Thr Leu Pro Glu Thr Thr Val Val Arg Arg Arg  
1 5 10

<210> 3598  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3598  
Val Ser Phe Gly Val Trp Ile Arg  
1 5

<210> 3599  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3599  
Lys Val Gly Asn Phe Thr Gly Leu Tyr  
1 5

<210> 3600  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3600  
Pro Val Asn Arg Pro Ile Asp Trp Lys  
1 5

<210> 3601  
<211> 8  
<212> PRT  
<213> Artificial Sequence



<220>

<223> Artificial Peptide

<400> 3601

Thr Leu Lys Ile Met Pro Ala Arg

1

5

<210> 3602

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3602

Ser Leu Gly Ile His Leu Asn Pro Asn Lys

1

5

10

<210> 3603

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3603

Ser Thr Leu Pro Glu Thr Thr Val Val Arg

1

5

10

<210> 3604

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3604

Thr Leu Pro Glu Thr Thr Val Val Arg Arg

1

5

10

<210> 3605

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3605

Thr Leu Trp Lys Ala Gly Ile Leu Tyr Lys

1

5

10

<210> 3606  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3606  
Thr Thr Asp Leu Glu Ala Tyr Phe Lys  
1 5

<210> 3607  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3607  
Val Thr Gly Gly Val Phe Leu Val Asp Lys  
1 5 10

<210> 3608  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3608  
Val Val Asp Phe Ser Gln Phe Ser Arg  
1 5

<210> 3609  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3609  
Ala Ser Phe Cys Gly Ser Pro Tyr  
1 5

<210> 3610  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3610

Leu Leu Pro Ile Phe Phe Cys Leu Trp Val Tyr  
1 5 10

<210> 3611  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3611  
Arg Ala Phe Pro His Cys Leu Ala Phe Ser Tyr  
1 5 10

<210> 3612  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3612  
Gly Thr Asp Asn Ser Val Val Leu Ser Arg  
1 5 10

<210> 3613  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3613  
His Ile Leu Trp Lys Ala Gly Ile Leu Tyr  
1 5 10

<210> 3614  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3614  
Ile Leu Arg Gly Thr Ser Phe Val Tyr  
1 5

<210> 3615  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3615

Ser Val Ser Phe Gly Val Trp Ile Arg  
1 5

<210> 3616

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3616

Met Met Trp Tyr Trp Gly Pro Ser Leu Tyr  
1 5 10

<210> 3617

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3617

Ser Thr Thr Asp Leu Glu Ala Tyr Phe Lys  
1 5 10

<210> 3618

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3618

Gly Thr Asp Asn Ser Val Val Leu Ser Arg Lys  
1 5 10

<210> 3619

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3619

Arg Val Thr Gly Gly Val Phe Leu Val Asp Lys  
1 5 10

<210> 3620

<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3620  
Thr Leu Trp Lys Ala Gly Ile Leu Tyr  
1 5

<210> 3621  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3621  
Thr Met Asp Asp Val Val Leu Gly Ala Lys  
1 5 10

<210> 3622  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3622  
Val Ser Ile Pro Trp Thr His Lys  
1 5

<210> 3623  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3623  
Phe Pro His Cys Leu Ala Phe Ser Tyr Met  
1 5 10

<210> 3624  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3624  
Ile Pro Ile Pro Ser Ser Trp Ala Phe

1

5

<210> 3625

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3625

His Pro Ala Ala Met Pro His Leu Leu

1

5

<210> 3626

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3626

Leu Pro Val Cys Ala Phe Ser Ser Ala

1

5

<210> 3627

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3627

Tyr Pro Ala Leu Met Pro Leu Tyr Ala

1

5

<210> 3628

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3628

Leu Pro Ser Asp Phe Phe Pro Ser Val

1

5

<210> 3629

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3629

Phe Pro His Cys Leu Ala Phe Ser Tyr  
1 5

<210> 3630

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3630

Tyr Pro Ala Leu Met Pro Leu Tyr  
1 5

<210> 3631

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3631

Tyr Pro Ala Leu Met Pro Leu Tyr Ala Cys Ile  
1 5 10

<210> 3632

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3632

Thr Pro Ala Arg Val Thr Gly Gly Val Phe  
1 5 10

<210> 3633

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3633

Leu Pro Ile Phe Phe Cys Leu Trp Val  
1 5

<210> 3634

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3634  
Leu Pro Ile His Thr Ala Glu Leu Leu  
1 5

<210> 3635  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3635  
Val Pro Phe Val Gln Trp Phe Val  
1 5

<210> 3636  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3636  
Leu Pro Ile Phe Phe Cys Leu Trp  
1 5

<210> 3637  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3637  
Met Pro Leu Ser Tyr Gln His Phe  
1 5

<210> 3638  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3638  
His Pro Ala Ala Met Pro His Leu  
1 5



<210> 3639  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3639  
Ser Pro Phe Leu Leu Ala Gln Phe  
1 5

<210> 3640  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3640  
Ser Pro Phe Leu Leu Ala Gln Phe Thr Ser Ala  
1 5 10

<210> 3641  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3641  
Asp Pro Ser Arg Phe Arg Leu Phe Leu  
1 5

<210> 3642  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3642  
Gly Pro Cys Ala Leu Arg Phe Thr Ser Ala  
1 5 10

<210> 3643  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3643  
His Pro Ala Ala Met Pro His Leu Leu Val  
1 5 10

<210> 3644  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3644  
Ile Pro Gln Ser Leu Asp Ser Trp Trp  
1 5

<210> 3645  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3645  
Leu Pro Leu Asp Lys Gly Ile Lys Pro Tyr  
1 5 10

<210> 3646  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3646  
Phe Pro Asp His Gln Leu Asp Pro Ala  
1 5

<210> 3647  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3647  
Ile Pro Ile Pro Ser Ser Trp Ala Phe Ala  
1 5 10

<210> 3648  
<211> 10  
<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3648

Ala Pro Phe Thr Gln Cys Gly Tyr Pro Ala  
1 5 10

<210> 3649

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3649

Leu Pro Ile His Thr Ala Glu Leu Leu Ala  
1 5 10

<210> 3650

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3650

Gly Pro Leu Leu Val Leu Gln Ala  
1 5

<210> 3651

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3651

Ile Pro Ile Pro Ser Ser Trp Ala  
1 5

<210> 3652

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3652

Arg Pro Pro Asn Ala Pro Ile Leu  
1 5

<210> 3653  
<211> 8  
<212> PRT  
<213> Artificial Sequence  
  
<220>  
<223> Artificial Peptide  
  
<400> 3653  
Ser Pro Thr Tyr Lys Ala Phe Leu  
1 5

<210> 3654  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3654  
Val Pro Ser Ala Leu Asn Pro Ala  
1 5

<210> 3655  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3655  
Ala Pro Phe Thr Gln Cys Gly Tyr Pro Ala Leu  
1 5 10

<210> 3656  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3656  
Leu Pro Ile His Thr Ala Glu Leu Leu Ala Ala  
1 5 10

<210> 3657  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3657  
Asn Pro Ala Asp Asp Pro Ser Arg Gly Arg Leu  
1 5 10

<210> 3658  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3658  
Arg Pro Pro Asn Ala Pro Ile Leu Ser Thr Leu  
1 5 10

<210> 3659  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3659  
Ser Pro His His Thr Ala Leu Arg Gln Ala Ile  
1 5 10

<210> 3660  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3660  
Thr Pro Ala Arg Val Thr Gly Gly Val Phe Leu  
1 5 10

<210> 3661  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3661  
Leu Leu Asp Thr Ala Ser Ala Leu Tyr  
1 5

<210> 3662  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3662

Asp Leu Leu Asp Thr Ala Ser Ala Leu Tyr  
1 5 10

<210> 3663

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3663

Ser Leu Asp Val Ser Ala Ala Phe Tyr  
1 5

<210> 3664

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3664

Leu Ser Leu Asp Val Ser Ala Ala Phe Tyr  
1 5 10

<210> 3665

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3665

Met Ser Thr Thr Asp Leu Glu Ala Tyr  
1 5

<210> 3666

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3666

Trp Met Met Trp Tyr Trp Gly Pro Ser Leu Tyr  
1 5 10

<210> 3667  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3667  
Tyr Met Asp Asp Val Val Leu Gly Ala  
1 5

<210> 3668  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3668  
Pro Thr Thr Gly Arg Thr Ser Leu Tyr  
1 5

<210> 3669  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3669  
Pro Leu Asp Lys Gly Ile Lys Pro Tyr Tyr  
1 5 10

<210> 3670  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3670  
Ile Leu Leu Leu Cys Leu Ile Phe Leu Leu  
1 5 10

<210> 3671  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3671

His Thr Leu Trp Lys Ala Gly Ile Leu Tyr  
1 5 10

<210> 3672  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3672  
Met Met Trp Tyr Trp Gly Pro Ser Leu Tyr  
1 5 10

<210> 3673  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3673  
Trp Leu Trp Gly Met Asp Ile Asp Pro Tyr  
1 5 10

<210> 3674  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3674  
Phe Ala Ala Pro Phe Thr Gln Cys Gly Tyr  
1 5 10

<210> 3675  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3675  
Lys Val Gly Asn Phe Thr Gly Leu Tyr  
1 5

<210> 3676  
<211> 10  
<212> PRT  
<213> Artificial Sequence



<220>

<223> Artificial Peptide

<400> 3676

Ser Trp Pro Lys Phe Ala Val Pro Asn Leu  
1 5 10

<210> 3677

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3677

Lys Tyr Thr Ser Phe Pro Trp Leu Leu  
1 5

<210> 3678

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3678

Leu Tyr Ser His Pro Ile Ile Leu Gly Phe  
1 5 10

<210> 3679

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3679

Arg Trp Met Cys Leu Arg Arg Phe Ile Ile  
1 5 10

<210> 3680

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3680

Ser Trp Leu Ser Leu Leu Val Pro Phe  
1 5

<210> 3681

<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3681  
Ser Trp Trp Thr Ser Leu Asn Phe Leu  
1 5

<210> 3682  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3682  
Arg Trp Met Cys Leu Arg Arg Phe Ile  
1 5

<210> 3683  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3683  
Ser Phe Cys Gly Ser Pro Tyr Ser Trp  
1 5

<210> 3684  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3684  
Ser Tyr Gln His Phe Arg Lys Leu Leu Leu  
1 5 10

<210> 3685  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3685  
Gly Tyr Pro Ala Leu Met Pro Leu Tyr

1 5

<210> 3686  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3686  
Glu Tyr Leu Val Ser Phe Gly Val Trp Ile  
1 5 10

<210> 3687  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3687  
Ala Tyr Arg Pro Pro Asn Ala Pro Ile  
1 5

<210> 3688  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3688  
Trp Phe His Ile Ser Cys Leu Thr Phe  
1 5

<210> 3689  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3689  
Pro Trp Thr His Lys Val Gly Asn Phe  
1 5

<210> 3690  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3690

Phe Leu Pro Ser Asp Phe Phe Pro Ser Val  
1 5 10

<210> 3691

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3691

Leu Leu Val Pro Phe Val Gln Trp Phe Val  
1 5 10

<210> 3692

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3692

Phe Leu Leu Ala Gln Phe Thr Ser Ala Ile  
1 5 10

<210> 3693

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3693

Tyr Met Asp Asp Val Val Leu Gly Val  
1 5

<210> 3694

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3694

Phe Leu Leu Thr Arg Ile Leu Thr Ile  
1 5

<210> 3695

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3695  
Ala Leu Met Pro Leu Tyr Ala Cys Ile  
1 5

<210> 3696  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3696  
Trp Leu Ser Leu Leu Val Pro Phe Val  
1 5

<210> 3697  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3697  
Leu Leu Ala Gln Phe Thr Ser Ala Ile  
1 5

<210> 3698  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3698  
Leu Val Pro Phe Val Gln Trp Phe Val  
1 5

<210> 3699  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3699  
Val Leu Leu Asp Tyr Gln Gly Met Leu Pro Val  
1 5 10

<210> 3700  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3700  
Leu Leu Ser Ser Asn Leu Ser Trp Leu  
1 5

<210> 3701  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3701  
Asn Leu Ser Trp Leu Ser Leu Asp Val  
1 5

<210> 3702  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3702  
Lys Leu His Leu Tyr Ser His Pro Ile  
1 5

<210> 3703  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3703  
Phe Leu Leu Ala Gln Phe Thr Ser Ala  
1 5

<210> 3704  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3704

Gly Leu Ser Arg Tyr Val Ala Arg Leu  
1 5

<210> 3705

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3705

Phe Leu Leu Ser Leu Gly Ile His Leu  
1 5

<210> 3706

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3706

His Leu Tyr Ser His Pro Ile Ile Leu  
1 5

<210> 3707

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3707

Met Met Trp Tyr Trp Gly Pro Ser Leu  
1 5

<210> 3708

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3708

Tyr Leu His Thr Leu Trp Lys Ala Gly Val  
1 5 10

<210> 3709

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3709

Leu Leu Asp Tyr Gln Gly Met Leu Pro Val  
1 5 10

<210> 3710

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3710

Gly Leu Leu Gly Trp Ser Pro Gln Ala  
1 5

<210> 3711

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3711

Ile Leu Arg Gly Thr Ser Phe Val Tyr Val  
1 5 10

<210> 3712

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3712

Val Leu Gln Ala Gly Phe Phe Leu Leu  
1 5

<210> 3713

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3713

Leu Leu Pro Ile Phe Phe Cys Leu Trp Val  
1 5 10



<210> 3714  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3714  
Pro Leu Leu Pro Ile Phe Phe Cys Leu  
1 5

<210> 3715  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3715  
Leu Leu Val Leu Gln Ala Gly Phe Phe Leu  
1 5 10

<210> 3716  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3716  
Tyr Leu Val Ser Phe Gly Val Trp Ile  
1 5

<210> 3717  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3717  
Gly Leu Ser Pro Thr Val Trp Leu Ser Val  
1 5 10

<210> 3718  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3718

Tyr Met Asp Asp Val Val Leu Gly Ala  
1 5

<210> 3719

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3719

His Thr Leu Trp Lys Ala Gly Ile Leu Tyr Lys  
1 5 10

<210> 3720

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3720

Ser Thr Leu Pro Glu Thr Thr Val Val Arg Arg  
1 5 10

<210> 3721

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3721

Gly Ser Thr His Val Ser Trp Pro Lys  
1 5

<210> 3722

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3722

Phe Val Leu Gly Gly Cys Arg His Lys  
1 5

<210> 3723

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3723

Asn Val Ser Ile Pro Trp Thr His Lys  
1 5

<210> 3724

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3724

Leu Val Val Asp Phe Ser Gln Phe Ser Arg  
1 5 10

<210> 3725

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3725

Gln Ala Phe Thr Phe Ser Pro Thr Tyr Lys  
1 5 10

<210> 3726

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3726

Ser Ala Ile Cys Ser Val Val Arg Arg  
1 5

<210> 3727

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3727

Thr Leu Trp Lys Ala Gly Ile Leu Tyr Lys  
1 5 10

<210> 3728  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3728  
Lys Val Gly Asn Phe Thr Gly Leu Tyr  
1 5

<210> 3729  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3729  
Phe Pro His Cys Leu Ala Phe Ser Tyr Met  
1 5 10

<210> 3730  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3730  
Leu Pro Ser Asp Phe Phe Pro Ser Val  
1 5

<210> 3731  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3731  
Ile Pro Ile Pro Ser Ser Trp Ala Phe  
1 5

<210> 3732  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3732

His Pro Ala Ala Met Pro His Leu Leu  
1 5

<210> 3733  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3733  
Leu Pro Val Cys Ala Phe Ser Ser Ala  
1 5

<210> 3734  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3734  
Tyr Pro Ala Leu Met Pro Leu Tyr Ala  
1 5

<210> 3735  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3735  
Phe Pro His Cys Leu Ala Phe Ser Tyr  
1 5

<210> 3736  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3736  
Thr Pro Ala Arg Val Thr Gly Gly Val Phe  
1 5 10

<210> 3737  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3737

Ile	Leu	Leu	Leu	Cys	Leu	Ile	Phe	Leu	Leu	Val	Leu	Leu	Asp	Tyr
1				5				10						15

<210> 3738

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3738

Leu	Cys	Leu	Ile	Phe	Leu	Leu	Val	Leu	Leu	Asp	Tyr	Gln	Gly	Met
1				5				10						15

<210> 3739

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3739

Leu	Val	Leu	Leu	Asp	Tyr	Gln	Gly	Met	Leu	Pro	Val	Cys	Pro	Leu
1				5				10						15

<210> 3740

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3740

Arg	Phe	Ser	Trp	Leu	Ser	Leu	Leu	Val	Pro	Phe	Val	Gln	Trp	Phe
1				5				10						15

<210> 3741

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3741

Leu	Val	Pro	Phe	Val	Gln	Trp	Phe	Val	Gly	Leu	Ser	Pro	Thr	Val
1				5				10						15

<210> 3742

<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3742  
Phe Val Gln Trp Phe Val Gly Leu Ser Pro Thr Val Trp Leu Ser  
1 5 10 15

<210> 3743  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3743  
Ala Ser Lys Leu Cys Leu Gly Trp Leu Trp Gly Met Asp Ile Asp  
1 5 10 15

<210> 3744  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3744  
Leu Gly Trp Leu Trp Gly Met Asp Ile Asp Pro Tyr Lys Glu Phe  
1 5 10 15

<210> 3745  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3745  
Pro His His Thr Ala Leu Arg Gln Ala Ile Leu Cys Trp Gly Glu Leu  
1 5 10 15  
Met Thr Leu Ala  
20

<210> 3746  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3746

Arg	Gln	Leu	Leu	Trp	Phe	His	Ile	Ser	Cys	Leu	Thr	Phe	Gly	Arg
1				5					10					15

<210> 3747

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3747

Glu	Tyr	Leu	Val	Ser	Phe	Gly	Val	Trp	Ile	Arg	Thr	Pro	Pro	Ala
1				5					10					15

<210> 3748

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3748

Gly	Val	Trp	Ile	Arg	Thr	Pro	Pro	Ala	Tyr	Arg	Pro	Pro	Asn	Ala
1				5					10					15

<210> 3749

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3749

Pro	Pro	Ala	Tyr	Arg	Pro	Pro	Asn	Ala	Pro	Ile	Leu	Ser	Thr	Leu
1				5					10					15

<210> 3750

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3750

Asn	Ala	Pro	Ile	Leu	Ser	Thr	Leu	Pro	Glu	Thr	Thr	Val	Val	Arg
1				5					10					15

<210> 3751

<211> 15

<212> PRT

<213> Artificial Sequence



<220>

<223> Artificial Peptide

<400> 3751

Ala	Glu	Asp	Leu	Asn	Leu	Gly	Asn	Leu	Asn	Val	Ser	Ile	Pro	Trp
1				5				10						15

<210> 3752

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3752

Asn	Leu	Asn	Val	Ser	Ile	Pro	Trp	Thr	His	Lys	Val	Gly	Asn	Phe
1				5				10						15

<210> 3753

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3753

Arg	His	Tyr	Leu	His	Thr	Leu	Trp	Lys	Ala	Gly	Ile	Leu	Tyr	Lys
1				5				10						15

<210> 3754

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3754

Lys	Phe	Ala	Val	Pro	Asn	Leu	Gln	Ser	Leu	Thr	Asn	Leu	Leu	Ser
1				5				10						15

<210> 3755

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3755

Val	Pro	Asn	Leu	Gln	Ser	Leu	Thr	Asn	Leu	Leu	Ser	Ser	Asn	Leu
1				5				10						15

<210> 3756  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3756  
Leu Gln Ser Leu Thr Asn Leu Leu Ser Ser Asn Leu Ser Trp Leu  
1 5 10 15

<210> 3757  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3757  
Thr Asn Leu Leu Ser Ser Asn Leu Ser Trp Leu Ser Leu Asp Val  
1 5 10 15

<210> 3758  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3758  
Ser Ser Asn Leu Ser Trp Leu Ser Leu Asp Val Ser Ala Ala Phe  
1 5 10 15

<210> 3759  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3759  
Pro Phe Leu Leu Ala Gln Phe Thr Ser Ala Ile Cys Ser Val Val  
1 5 10 15

<210> 3760  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3760

Leu Ala Gln Phe Thr Ser Ala Ile Cys Ser Val Val Arg Arg Ala  
1 5 10 15

<210> 3761  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3761  
Cys Ser Val Val Arg Arg Ala Phe Pro His Cys Leu Ala Phe Ser  
1 5 10 15

<210> 3762  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3762  
Arg Arg Ala Phe Pro His Cys Leu Ala Phe Ser Tyr Met Asp Asp  
1 5 10 15

<210> 3763  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3763  
Ala Phe Ser Tyr Met Asp Asp Val Val Leu Gly Ala Lys Ser Val  
1 5 10 15

<210> 3764  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3764  
Asp Trp Lys Val Cys Gln Arg Ile Val Gly Leu Leu Gly Phe Ala  
1 5 10 15

<210> 3765  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3765

Val	Gly	Leu	Leu	Gly	Phe	Ala	Ala	Pro	Phe	Thr	Gln	Cys	Gly	Tyr
1				5					10					15

<210> 3766

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3766

Ala	Ala	Pro	Phe	Thr	Gln	Cys	Gly	Tyr	Pro	Ala	Leu	Met	Pro	Leu
1				5					10					15

<210> 3767

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3767

Gln	Cys	Gly	Tyr	Pro	Ala	Leu	Met	Pro	Leu	Tyr	Ala	Cys	Ile	Gln
1				5					10					15

<210> 3768

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3768

Leu	Cys	Gln	Val	Phe	Ala	Asp	Ala	Thr	Pro	Thr	Gly	Trp	Gly	Leu
1				5					10					15

<210> 3769

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3769

Ser	Val	Val	Leu	Ser	Arg	Lys	Tyr	Thr	Ser	Phe	Pro	Trp	Leu	Leu
1				5					10					15

<210> 3770

<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3770  
Arg Asp Val Leu Cys Leu Arg Pro Val Gly Ala Glu Ser Arg Gly  
1 5 10 15

<210> 3771  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3771  
Gly Ala His Leu Ser Leu Arg Gly Leu Pro Val Cys Ala Phe Ser  
1 5 10 15

<210> 3772  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3772  
Val Cys Ala Phe Ser Ser Ala Gly Pro Cys Ala Leu Arg Phe Thr  
1 5 10 15

<210> 3773  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3773  
Ser Val Arg Phe Ser Trp Leu Ser Leu Leu Val Pro Phe Val Gln  
1 5 10 15

<210> 3774  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3774  
Arg Asp Leu Leu Asp Thr Ala Ser Ala Leu Tyr Arg Glu Ala Leu

1	5	10	15
---	---	----	----

<210> 3775  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3775  
Val Gly Asn Phe Thr Gly Leu Tyr Ser Ser Thr Val Pro Val Phe  
1 5 10 15

<210> 3776  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3776  
Thr Asn Phe Leu Leu Ser Leu Gly Ile His Leu Asn Pro Asn Lys  
1 5 10 15

<210> 3777  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3777  
Tyr Pro Ala Leu Met Pro Leu Tyr Ala Cys Ile Gln Ser Lys Gln  
1 5 10 15

<210> 3778  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3778  
Lys Gln Ala Phe Thr Phe Ser Pro Thr Tyr Lys Ala Phe Leu Cys  
1 5 10 15

<210> 3779  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3779

Pro Leu Pro Ile His Thr Ala Glu Leu Leu Ala Ala Cys Phe Ala  
1 5 10 15

<210> 3780

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3780

Gly Thr Ser Phe Val Tyr Val Pro Ser Ala Leu Asn Pro Ala Asp  
1 5 10 15

<210> 3781

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3781

Pro Leu Gly Phe Phe Pro Asp His Gln Leu Asp Pro  
1 5 10

<210> 3782

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3782

Phe Leu Leu Val Leu Leu Asp Tyr Gln Gly Met Leu Pro Val Cys  
1 5 10 15

<210> 3783

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3783

Arg Asp Leu Leu Asp Thr Ala Ser Ala Leu Tyr Arg Glu Ala Leu Glu  
1 5 10 15  
Ser Pro Glu His  
20

<210> 3784  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3784  
Ala Gly Pro Leu Glu Glu Glu Leu Pro Arg Leu Ala Asp Glu Gly  
1 5 10 15

<210> 3785  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3785  
Asn Arg Arg Val Ala Glu Asp Leu Asn Leu Gly Asn Leu Asn Val  
1 5 10 15

<210> 3786  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3786  
Val Gly Pro Leu Thr Val Asn Glu Lys Arg Arg Leu Lys Leu Ile  
1 5 10 15

<210> 3787  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3787  
Thr Lys Tyr Leu Pro Leu Asp Lys Gly Ile Lys Pro Tyr Tyr Pro  
1 5 10 15

<210> 3788  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3788



Gly Gly Val Phe Leu Val Asp Lys Asn Pro His Asn Thr Thr Glu  
1 5 10 15

<210> 3789

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3789

Glu Ser Arg Leu Val Val Asp Phe Ser Gln Phe Ser Arg Gly Asn  
1 5 10 15

<210> 3790

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3790

Asn Leu Ser Trp Leu Ser Leu Asp Val Ser Ala Ala Phe Tyr His  
1 5 10 15

<210> 3791

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3791

Ala Phe Thr Phe Ser Pro Thr Tyr Lys Ala Phe Leu Cys Lys Gln  
1 5 10 15

<210> 3792

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3792

Leu Arg Pro Val Gly Ala Glu Ser Arg Gly Arg Pro Val Ser Gly  
1 5 10 15

<210> 3793

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3793

Pro	Leu	Leu	Val	Leu	Gln	Ala	Gly	Phe	Phe	Leu	Leu	Thr	Arg	Ile	Leu
1				5				10						15	
Thr	Ile	Pro	Gln												
			20												

<210> 3794

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3794

Ser	Leu	Asp	Ser	Trp	Trp	Thr	Ser	Leu	Asn	Phe	Leu	Gly	Gly	Thr	Thr
1				5				10						15	
Val	Cys	Leu	Gly												
			20												

<210> 3795

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3795

Gly	Tyr	Arg	Trp	Met	Cys	Leu	Arg	Arg	Phe	Ile	Ile	Phe	Leu	Phe	Ile
1				5					10					15	
Leu	Leu	Leu	Cys												
			20												

<210> 3796

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3796

Pro	Gln	Ala	Met	Gln	Trp	Asn	Ser	Thr	Thr	Phe	His	Gln	Thr	Leu
1				5				10						15

<210> 3797

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3797

Ala Gly Phe Phe Leu Leu Thr Arg Ile Leu Thr Ile Pro Gln Ser  
1 5 10 15

<210> 3798

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3798

Ile Phe Leu Phe Ile Leu Leu Leu Cys Leu Ile Phe Leu Leu Val  
1 5 10 15

<210> 3799

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3799

Val Ser Phe Gly Val Trp Ile Arg Thr Pro Pro Ala Tyr Arg Pro Pro  
1 5 10 15  
Asn Ala Pro Ile  
20

<210> 3800

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3800

Ser Phe Gly Val Trp Ile Arg Thr Pro Pro Ala Tyr Arg Pro Pro  
1 5 10 15

<210> 3801

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3801

Leu His Leu Tyr Ser His Pro Ile Ile Leu Gly Phe Arg Lys Ile  
1 5 10 15

<210> 3802

<211> 15

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3802  
Lys Gln Cys Phe Arg Lys Leu Pro Val Asn Arg Pro Ile Asp Trp  
1 5 10 15

<210> 3803  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3803  
Ala Ala Asn Trp Ile Leu Arg Gly Thr Ser Phe Val Tyr Val Pro  
1 5 10 15

<210> 3804  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3804  
Pro Asp Arg Val His Phe Ala Ser Pro Leu His Val Ala Trp Arg  
1 5 10 15

<210> 3805  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3805  
Leu Gln Ser Leu Thr Asn Leu Leu Ser Ser Asn Leu Ser Trp Leu  
1 5 10 15

<210> 3806  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3806  
Lys Gln Ala Phe Thr Phe Ser Pro Thr Tyr Lys Ala Phe Leu Cys  
1 5 10 15

<210> 3807  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3807  
Ala Gly Phe Phe Leu Leu Thr Arg Ile Leu Thr Ile Pro Gln Ser  
1 5 10 15

<210> 3808  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3808  
Gly Thr Ser Phe Val Tyr Val Pro Ser Ala Leu Asn Pro Ala Asp  
1 5 10 15

<210> 3809  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3809  
Ser Phe Gly Val Trp Ile Arg Thr Pro Pro Ala Tyr Arg Pro Pro  
1 5 10 15

<210> 3810  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3810  
Gly Val Trp Ile Arg Thr Pro Pro Ala Tyr Arg Pro Pro Asn Ala  
1 5 10 15

<210> 3811  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3811

Val Ser Phe Gly Val Trp Ile Arg Thr Pro Pro Ala Tyr Arg Pro Pro  
1 5 10 15  
Asn Ala Pro Ile  
20

<210> 3812

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3812

Arg His Tyr Leu His Thr Leu Trp Lys Ala Gly Ile Leu Tyr Lys  
1 5 10 15

<210> 3813

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3813

Leu Val Pro Phe Val Gln Trp Phe Val Gly Leu Ser Pro Thr Val  
1 5 10 15

<210> 3814

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3814

Leu His Leu Tyr Ser His Pro Ile Ile Leu Gly Phe Arg Lys Ile  
1 5 10 15

<210> 3815

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3815

Pro Phe Leu Leu Ala Gln Phe Thr Ser Ala Ile Cys Ser Val Val  
1 5 10 15

<210> 3816

<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3816  
Lys Gln Cys Phe Arg Lys Leu Pro Val Asn Arg Pro Ile Asp Trp  
1 5 10 15

<210> 3817  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3817  
Ala Ala Asn Trp Ile Leu Arg Gly Thr Ser Phe Val Tyr Val Pro  
1 5 10 15

<210> 3818  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3818  
Pro His His Thr Ala Leu Arg Gln Ala Ile Leu Cys Trp Gly Glu Leu  
1 5 10 15  
Met Thr Leu Ala  
20

<210> 3819  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3819  
Leu Cys Gln Val Phe Ala Asp Ala Thr Pro Thr Gly Trp Gly Leu  
1 5 10 15

<210> 3820  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3820  
Glu Ser Arg Leu Val Val Asp Phe Ser Gln Phe Ser Arg Gly Asn

1	5	10	15
---	---	----	----

<210> 3821  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3821  
Val Gly Pro Leu Thr Val Asn Glu Lys Arg Arg Leu Lys Leu Ile  
1 5 10 15

<210> 3822  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3822  
Ser Ser Asn Leu Ser Trp Leu Ser Leu Asp Val Ser Ala Ala Phe  
1 5 10 15

<210> 3823  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3823  
Asn Leu Ser Trp Leu Ser Leu Asp Val Ser Ala Ala Phe Tyr His  
1 5 10 15

<210> 3824  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3824  
Phe Leu Pro Ser Asp Phe Phe Pro Ser Val  
1 5 10

<210> 3825  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>



<223> Artificial Peptide

<400> 3825

Phe Leu Leu Thr Arg Ile Leu Thr Ile  
1 5

<210> 3826

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3826

Ala Leu Met Pro Leu Tyr Ala Cys Ile  
1 5

<210> 3827

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3827

Trp Leu Ser Leu Leu Val Pro Phe Val  
1 5

<210> 3828

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3828

Tyr Met Asp Asp Val Val Leu Gly Val  
1 5

<210> 3829

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3829

Gly Leu Ser Arg Tyr Val Ala Arg Leu  
1 5

<210> 3830

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3830  
Phe Leu Leu Ser Leu Gly Ile His Leu  
1 5

<210> 3831  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3831  
Leu Leu Pro Ile Phe Phe Cys Leu Trp Val  
1 5 10

<210> 3832  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3832  
Leu Leu Val Pro Phe Val Gln Trp Phe Val  
1 5 10

<210> 3833  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3833  
His Thr Leu Trp Lys Ala Gly Ile Leu Tyr Lys  
1 5 10

<210> 3834  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3834  
Ser Thr Leu Pro Glu Thr Thr Val Val Arg Arg  
1 5 10

<210> 3835  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3835  
Asn Val Ser Ile Pro Trp Thr His Lys  
1 5

<210> 3836  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3836  
Leu Val Val Asp Phe Ser Gln Phe Ser Arg  
1 5 10

<210> 3837  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3837  
Gln Ala Phe Thr Phe Ser Pro Thr Tyr Lys  
1 5 10

<210> 3838  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3838  
Ser Ala Ile Cys Ser Val Val Arg Arg  
1 5

<210> 3839  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3839

Lys Val Gly Asn Phe Thr Gly Leu Tyr  
1 5

<210> 3840

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3840

Phe Pro His Cys Leu Ala Phe Ser Tyr Met  
1 5 10

<210> 3841

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3841

Leu Pro Ser Asp Phe Phe Pro Ser Val  
1 5

<210> 3842

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3842

Ile Pro Ile Pro Ser Ser Trp Ala Phe  
1 5

<210> 3843

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3843

His Pro Ala Ala Met Pro His Leu Leu  
1 5

<210> 3844

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3844

Tyr	Pro	Ala	Leu	Met	Pro	Leu	Tyr	Ala	Cys	Ile
1				5					10	

<210> 3845

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3845

Thr	Pro	Ala	Arg	Val	Thr	Gly	Gly	Val	Phe
1				5					10

<210> 3846

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3846

Asp	Leu	Leu	Asp	Thr	Ala	Ser	Ala	Leu	Tyr
1				5					10

<210> 3847

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3847

Leu	Ser	Leu	Asp	Val	Ser	Ala	Ala	Phe	Tyr
1				5					10

<210> 3848

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3848

Trp	Met	Met	Trp	Tyr	Trp	Gly	Pro	Ser	Leu	Tyr
1				5					10	

<210> 3849  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3849  
Arg Trp Met Cys Leu Arg Arg Phe Ile Ile  
1 5 10

<210> 3850  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3850  
Ser Trp Leu Ser Leu Leu Val Pro Phe  
1 5

<210> 3851  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3851  
Ser Trp Trp Thr Ser Leu Asn Phe Leu  
1 5

<210> 3852  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3852  
Glu Tyr Leu Val Ser Phe Gly Val Trp Ile  
1 5 10

<210> 3853  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3853

Ala Tyr Arg Pro Pro Asn Ala Pro Ile  
1 5

<210> 3854

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3854

Trp Phe His Ile Ser Cys Leu Thr Phe  
1 5

<210> 3855

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3855

Ser Trp Pro Lys Phe Ala Val Pro Asn Leu  
1 5 10

<210> 3856

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3856

Lys Tyr Thr Ser Phe Pro Trp Leu Leu  
1 5

<210> 3857

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3857

Leu Tyr Ser His Pro Ile Ile Leu Gly Phe  
1 5 10

<210> 3858

<211> 15

<212> PRT

<213> Artificial Sequence

**<220>**

<223> Artificial Peptide

<400> 3858

Leu Gln Ser Leu Thr Asn Leu Leu Ser Ser Asn Leu Ser Trp Leu  
1 5 10 15

<210> 3859

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3859

Lys Gln Ala Phe Thr Phe Ser Pro Thr Tyr Lys Ala Phe Leu Cys  
1 5 10 15

<210> 3860

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3860

Ala Gly Phe Phe Leu Leu Thr Arg Ile Leu Thr Ile Pro Gln Ser  
1 5 10 15

<210> 3861

<211> 15

<212> PRT

<213> Artificial Sequence

**<220>**

<223> Artificial Peptide

<400> 3861

Gly Thr Ser Phe Val Tyr Val Pro Ser Ala Leu Asn Pro Ala Asp  
1 5 10 15

<210> 3862

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3862

Val Ser Phe Gly Val Trp Ile Arg Thr Pro Pro Ala Tyr Arg Pro Pro  
1 5 10 15

Asn Ala Pro Ile  
20



<210> 3863  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3863  
Arg His Tyr Leu His Thr Leu Trp Lys Ala Gly Ile Leu Tyr Lys  
1 5 10 15

<210> 3864  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3864  
Leu Val Pro Phe Val Gln Trp Phe Val Gly Leu Ser Pro Thr Val  
1 5 10 15

<210> 3865  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3865  
Leu His Leu Tyr Ser His Pro Ile Ile Leu Gly Phe Arg Lys Ile  
1 5 10 15

<210> 3866  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3866  
Pro Phe Leu Leu Ala Gln Phe Thr Ser Ala Ile Cys Ser Val Val  
1 5 10 15

<210> 3867  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3867

Lys Gln Cys Phe Arg Lys Leu Pro Val Asn Arg Pro Ile Asp Trp  
1 5 10 15

<210> 3868

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3868

Ala Ala Asn Trp Ile Leu Arg Gly Thr Ser Phe Val Tyr Val Pro  
1 5 10 15

<210> 3869

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3869

Pro His His Thr Ala Leu Arg Gln Ala Ile Leu Cys Trp Gly Glu Leu  
1 5 10 15  
Met Thr Leu Ala  
20

<210> 3870

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3870

Leu Cys Gln Val Phe Ala Asp Ala Thr Pro Thr Gly Trp Gly Leu  
1 5 10 15

<210> 3871

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Artificial Peptide

<400> 3871

Glu Ser Arg Leu Val Val Asp Phe Ser Gln Phe Ser Arg Gly Asn  
1 5 10 15

<210> 3872

<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3872  
Val Gly Pro Leu Thr Val Asn Glu Lys Arg Arg Leu Lys Leu Ile  
1 5 10 15

<210> 3873  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3873  
Ser Ser Asn Leu Ser Trp Leu Ser Leu Asp Val Ser Ala Ala Phe  
1 5 10 15

<210> 3874  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3874  
Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu  
1 5 10

<210> 3875  
<211> 21  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3875  
Asp Ile Glu Lys Lys Ile Ala Lys Met Glu Lys Ala Ser Ser Val Phe  
1 5 10 15  
Asn Val Val Asn Ser  
20

<210> 3876  
<211> 16  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<400> 3876  
Gly Ala Val Asp Ser Ile Leu Gly Gly Val Ala Thr Tyr Gly Ala Ala  
1 5 10 15

<210> 3877  
<211> 13  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<220>  
<221> MOD\_RES  
<222> (3)...(3)  
<223> Xaa = cyclohexyalanine, Phe or Tyr

<400> 3877  
Ala Lys Xaa Val Trp Ala Asn Thr Leu Lys Ala Ala Ala  
1 5 10

<210> 3878  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> DR7 preferred motif

<220>  
<221> VARIANT  
<222> (1)..(1)  
<223> Met, Phe, Leu, Ile, Val, Trp, or Tyr

<220>  
<221> VARIANT  
<222> (5)..(5)  
<223> May be any amino acid

<220>  
<221> VARIANT  
<222> (6)..(6)  
<223> Ile, Val, Met, Ser, Ala, Cys, Thr, Pro, or Leu

<220>  
<221> VARIANT  
<222> (8)..(8)  
<223> May be any amino acid

<220>  
<221> VARIANT  
<222> (9)..(9)  
<223> Ile or Val

<400> 3878  
Xaa Met Trp Ala Xaa Xaa Met Xaa Xaa  
1 5

<210> 3879  
<211> 9

<212> PRT  
<213> Artificial Sequence  
)  
<220>  
<223> DR7 deleterious motif  
  
<220>  
<221> VARIANT  
<222> (1)..(1)  
<223> May be any amino acid  
  
<220>  
<221> VARIANT  
<222> (3)..(3)  
<223> May be any amino acid  
  
<220>  
<221> VARIANT  
<222> (5)..(6)  
<223> May be any amino acid  
  
<220>  
<221> VARIANT  
<222> (7)..(7)  
<223> Gly, Arg, or Asp  
  
<400> 3879  
Xaa Cys Xaa Gly Xaa Xaa Xaa Asn Gly  
1 5